Preliminary Facility-Wide Health Risk Assessment Facility # 10 Chevron Richmond Refinery

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Appendix A – Figures

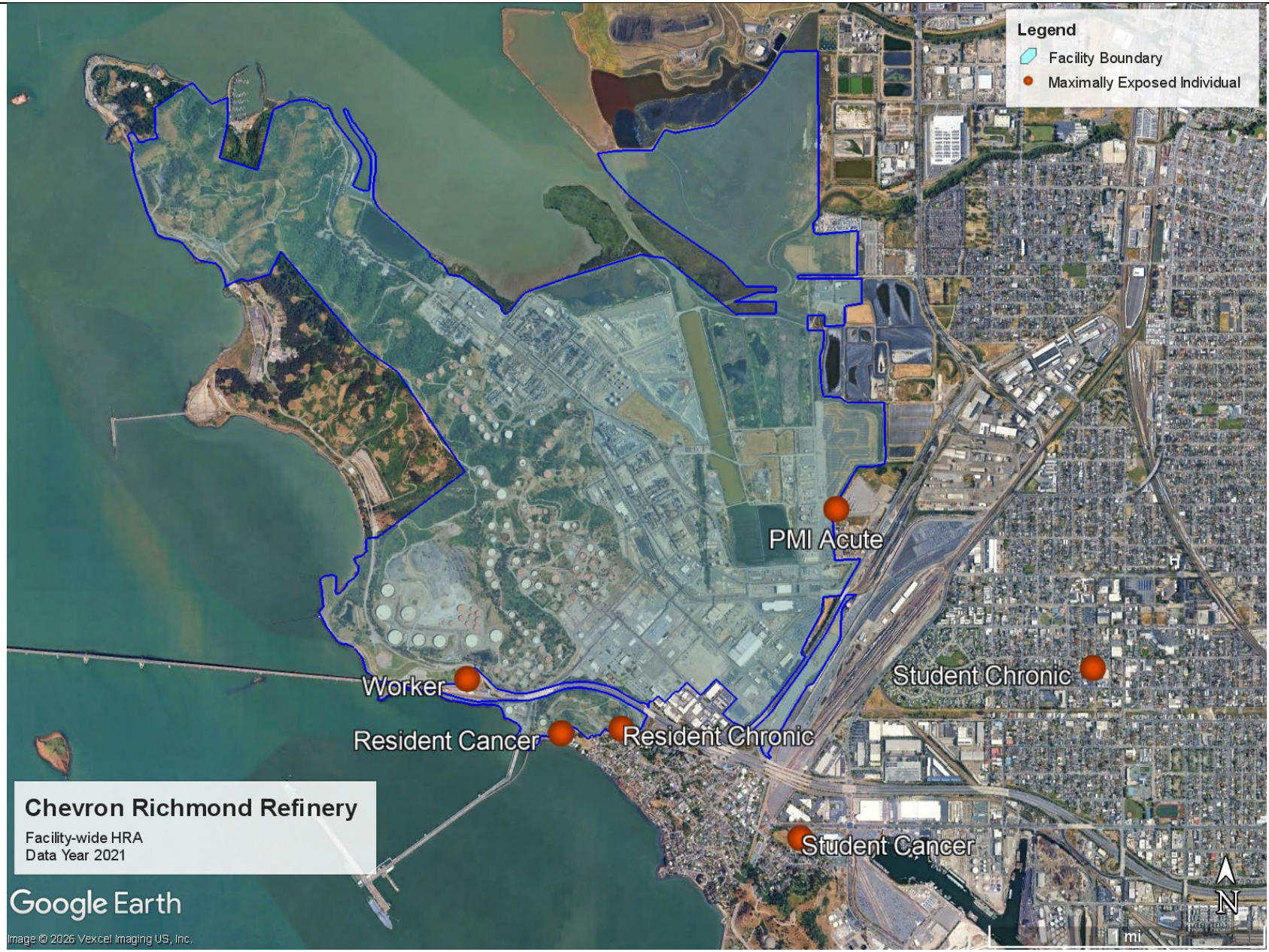

Figure 7. Facility boundary and locations of MEI receptors

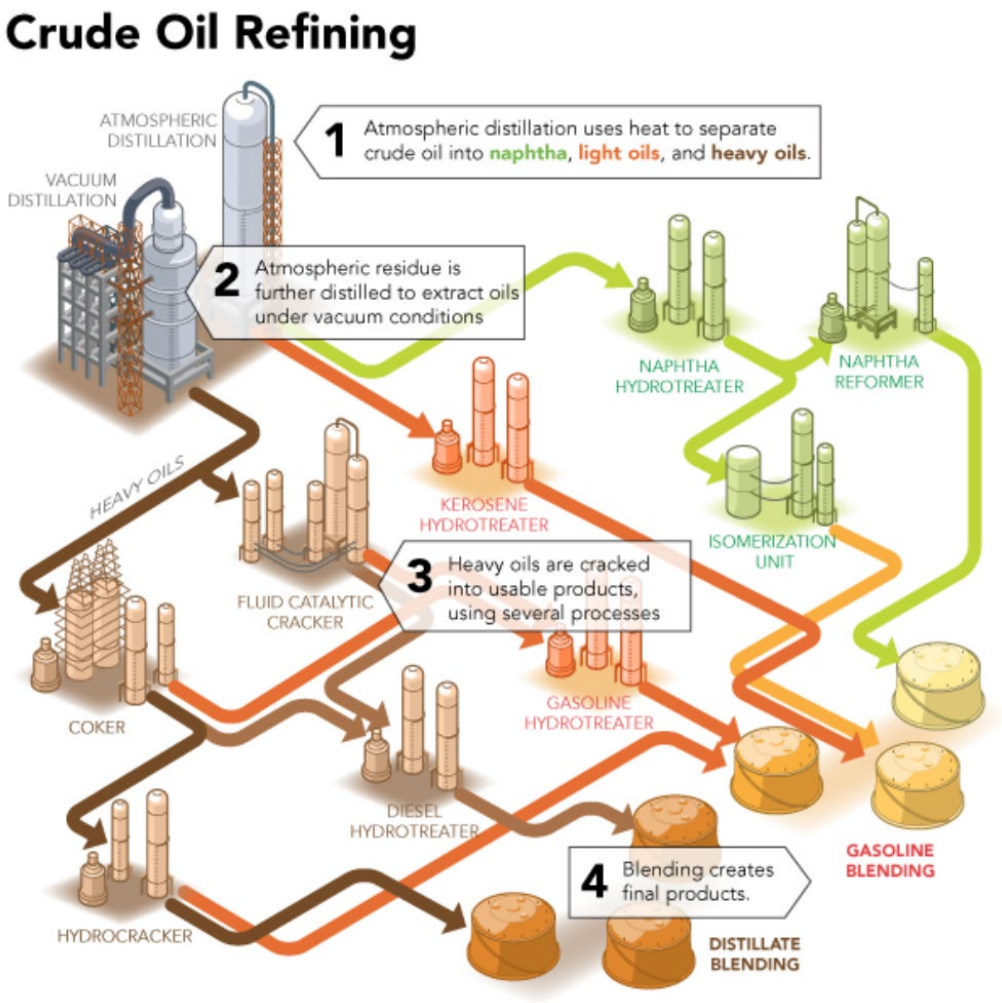

Figure 8. Typical crude oil refining process[8]

[8] *Source: https://blog.gltproducts.com/blog/what-goes-on-at-an-oil-refinery. Figure 8 does not depict actual operations at the Chevron Richmond Refinery and is only provided as an example of the crude oil production process. Not depicted in the figure above are the auxiliary processes and sources such as boilers, wastewater treatment, hydrogen production, sulfur recovery plants, cooling towers, power plants, and compressor engines.*

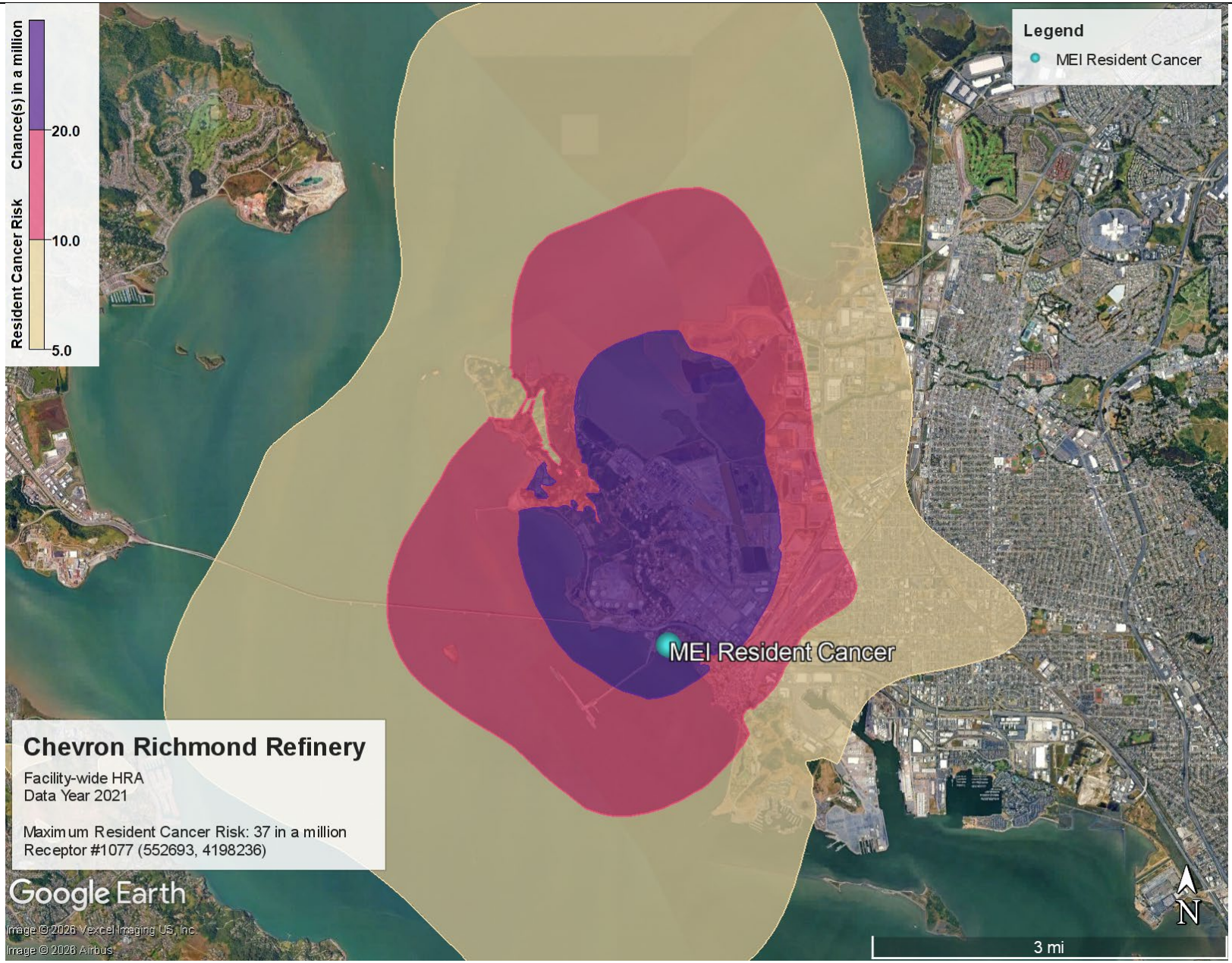

Figure 9. Resident cancer risk contour

Figure 10. Resident chronic risk contour

Figure 11. Offsite worker cancer risk contour

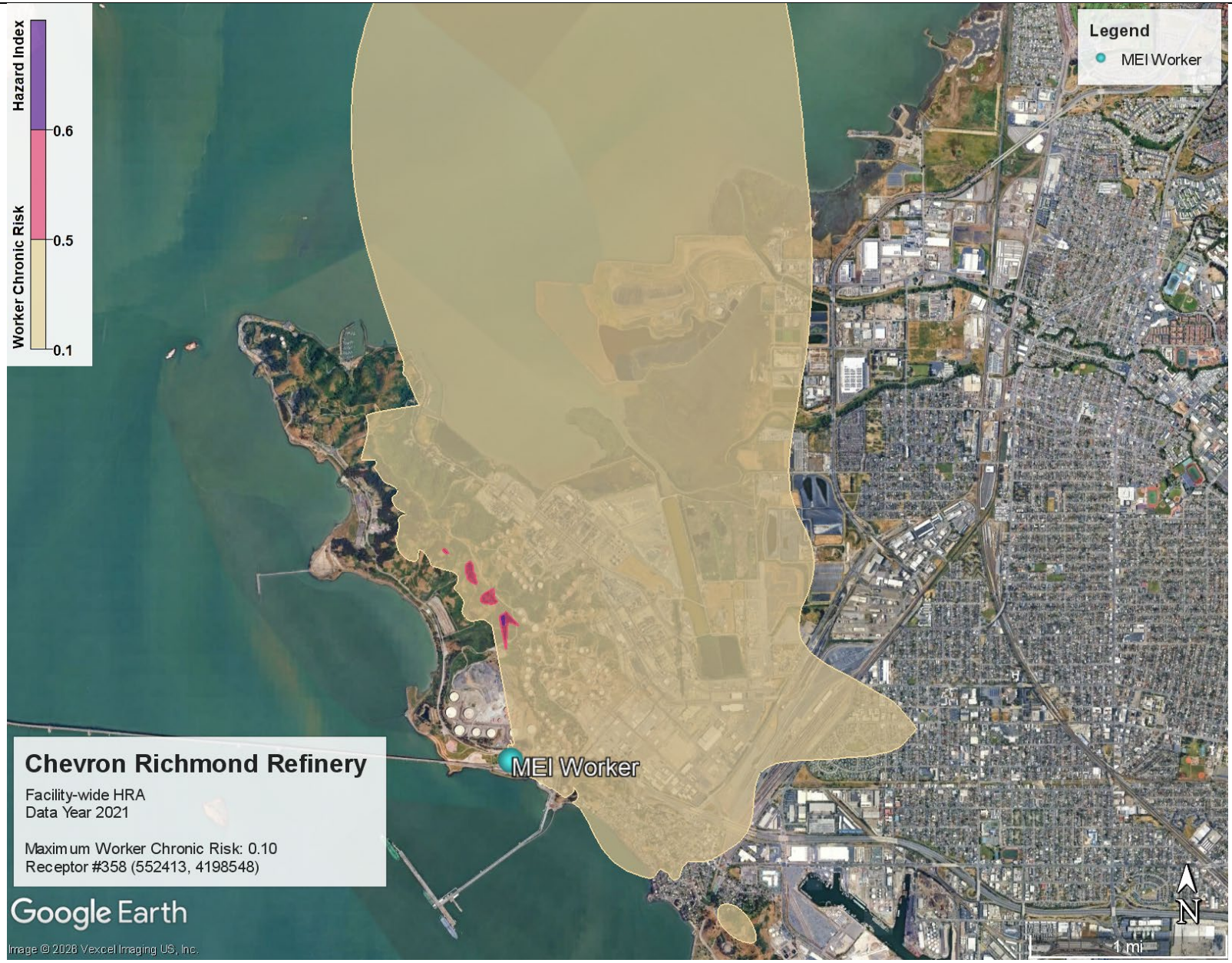

Figure 12. Offsite worker chronic risk contour

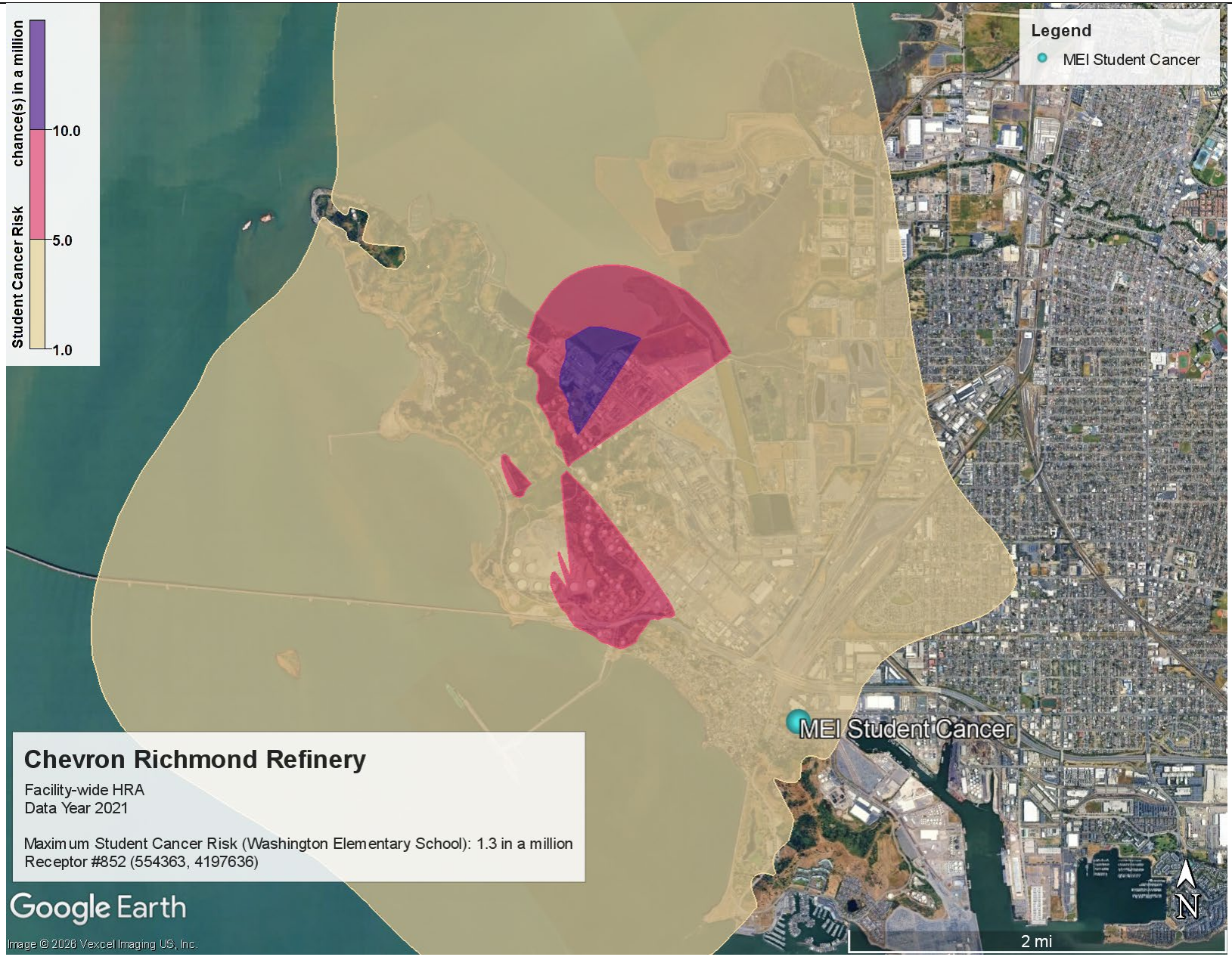

Figure 13. Student cancer risk contour

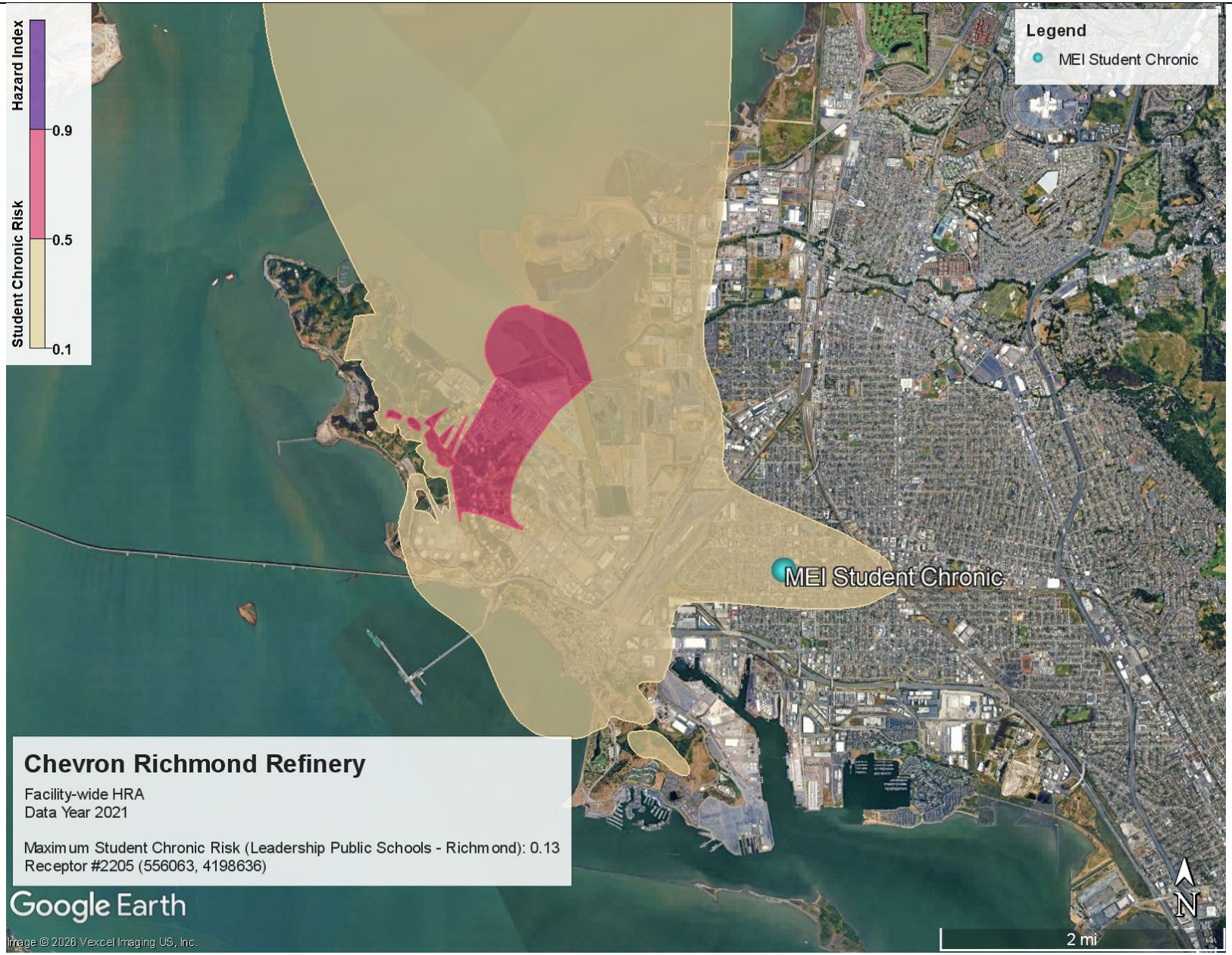

Figure 14. Student chronic risk contour

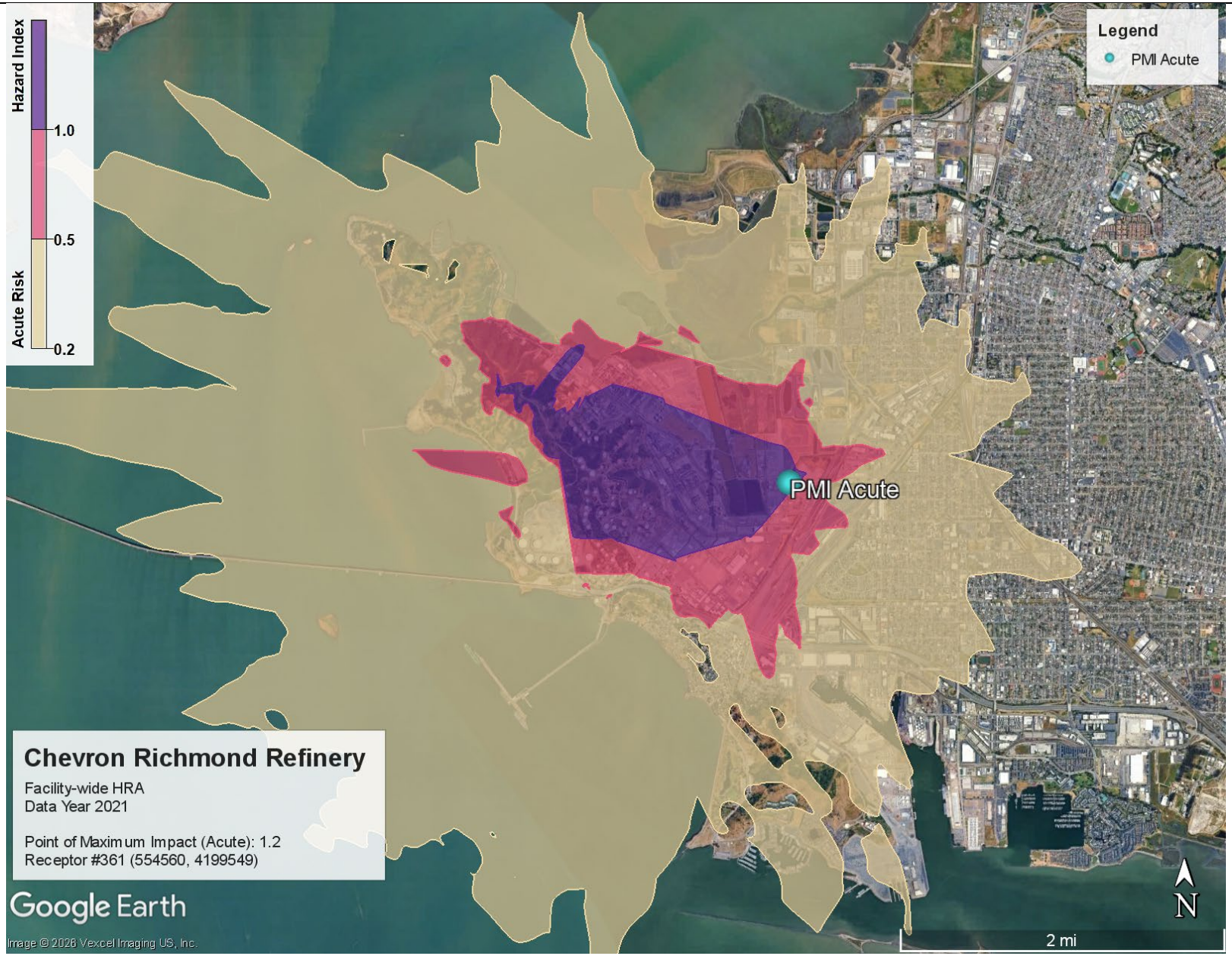

Figure 15. Acute (1-hour) risk contour

Appendix B – HARP2 Risk Outputs

Resident Cancer Risk by Pollutant

Location: Receptor #1077 | UTME 552,963.0 | UTMN 4,198,236.0. Total cancer risk at the MEIR is 37 in a million.
All cancer risk values in the table below are rounded to two decimal places and are in chance(s) per million. Resident cancer risk is the sum of inhalation risk, soil risk, dermal risk, and mother's milk risk.
Note: Risk results are rounded to 2 decimal numbers. "--" denotes no health value associated with the pollutant/exposure pathway.

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Benzo[a]pyrene	50328	27.54	74.2%	1.81	15.97	1.68	8.08
Diesel PM	9901	4.02	10.8%	4.02	--	--	--
Arsenic	7440382	1.95	5.2%	0.13	1.73	0.08	--
Benzene	71432	1.49	4.0%	1.49	--	--	--
Chromium, hexavalent	18540299	0.68	1.8%	0.62	0.06	0.00	--
1,3-Butadiene	106990	0.43	1.1%	0.43	--	--	--
Naphthalene	91203	0.26	0.7%	0.26	--	--	--
Cadmium	7440439	0.13	0.3%	0.13	--	--	--
Ethylene dichloride {EDC}	107062	0.12	0.3%	0.12	--	--	--
Ethyl benzene	100414	0.12	0.3%	0.12	--	--	--
1,2-Dibromo-3-chloropropane	96128	0.11	0.3%	0.11	--	--	--
Formaldehyde	50000	0.10	0.3%	0.10	--	--	--
Nickel	7440020	0.06	0.2%	0.06	--	--	--
Lead	7439921	0.02	0.1%	0.00	0.02	0.00	0.00
Acetaldehyde	75070	0.01	0.0%	0.01	--	--	--
Chloroform	67663	0.01	0.0%	0.01	--	--	--
Ethylene dibromide {EDB}	106934	0.01	0.0%	0.01	--	--	--
Methylene chloride {Dichloromethane}	75092	0.01	0.0%	0.01	--	--	--
Vinyl chloride	75014	0.01	0.0%	0.01	--	--	--
Methyl tert-butyl ether	1634044	0.00	0.0%	0.00	--	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746016	0.00	0.0%	0.00	0.00	0.00	0.00
Beryllium	7440417	0.00	0.0%	0.00	--	--	--
Cobalt	7440484	0.00	0.0%	0.00	--	--	--
Carbon tetrachloride	56235	0.00	0.0%	0.00	--	--	--

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Perchloroethylene {Tetrachloroethene}	127184	0.00	0.0%	0.00	--	--	--
Nickel carbonyl	13463393	0.00	0.0%	0.00	--	--	--
PCBs {Polychlorinated biphenyls}	1336363	0.00	0.0%	0.00	0.00	0.00	--
Propylene oxide	75569	0.00	0.0%	0.00	--	--	--
Trichloroethylene	79016	0.00	0.0%	0.00	--	--	--
Toluene diisocyanates	26471625	0.00	0.0%	0.00	--	--	--
Di(2-ethylhexyl) phthalate	117817	0.00	0.0%	0.00	0.00	0.00	--
2,4,6-Trichlorophenol	88062	0.00	0.0%	0.00	--	--	--
1,4-Dioxane	123911	0.00	0.0%	0.00	--	--	--
Acrolein	107028	0.00	0.0%	--	--	--	--
Ammonia	7664417	0.00	0.0%	--	--	--	--
Carbon disulfide	75150	0.00	0.0%	--	--	--	--
Copper	7440508	0.00	0.0%	--	--	--	--
Cyanide compounds (inorganic)	57125	0.00	0.0%	--	--	--	--
Hexane	110543	0.00	0.0%	--	--	--	--
Hydrochloric acid	7647010	0.00	0.0%	--	--	--	--
Hydrogen sulfide	7783064	0.00	0.0%	--	--	--	--
Manganese	7439965	0.00	0.0%	--	--	--	--
Mercury	7439976	0.00	0.0%	--	--	--	--
Phenol	108952	0.00	0.0%	--	--	--	--
Propylene	115071	0.00	0.0%	--	--	--	--
Selenium	7782492	0.00	0.0%	--	--	--	--
Sulfuric acid	7664939	0.00	0.0%	--	--	--	--
Toluene	108883	0.00	0.0%	--	--	--	--
Xylenes (mixed)	1330207	0.00	0.0%	--	--	--	--
Methyl ethyl ketone {2-Butanone}	78933	0.00	0.0%	--	--	--	--
Methyl chloroform {1,1,1-Trichloroethane}	71556	0.00	0.0%	--	--	--	--
Cresols (mixtures of)	1319773	0.00	0.0%	--	--	--	--
Vanadium (fume or dust)	7440622	0.00	0.0%	--	--	--	--
Chlorine	7782505	0.00	0.0%	--	--	--	--

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Hydrocyanic acid	74908	0.00	0.0%	--	--	--	--
Methyl bromide {Bromomethane}	74839	0.00	0.0%	--	--	--	--
Ethylene glycol	107211	0.00	0.0%	--	--	--	--
Ethylene glycol monobutyl ether	111762	0.00	0.0%	--	--	--	--
Isopropyl alcohol	67630	0.00	0.0%	--	--	--	--
Propylene glycol monomethyl ether	107982	0.00	0.0%	--	--	--	--
Diethanolamine	111422	0.00	0.0%	--	--	--	--
Methanol	67561	0.00	0.0%	--	--	--	--
Styrene	100425	0.00	0.0%	--	--	--	--
Carbonyl sulfide	463581	0.00	0.0%	--	--	--	--
Phosphoric acid	7664382	0.00	0.0%	--	--	--	--
Total		**37.10**	100%	9.46	17.79	1.77	8.08

Resident Chronic Risk by Pollutant

Location: Receptor #761 | UTME 553,314.5 | UTMN 4,198,264.8
Max HI = 0.26. The most impacted organ/system is the respiratory system.
Note:

1. CV = Cardiovascular, CNS = Central nervous system, IMMUN = Immune system, GILV = Gastrointestinal/ Liver, REPRO/DEVEL = Reproductive/ Developmental, RESP = Respiratory, ENDO = Endocrine, BLOOD = Circulatory.
2. "--" denotes no health value associated with the pollutant and the targeted organ/system.
3. The following targeted organ/system does not have any associated health value and hence is not presented in the table below: Bone/Teeth.

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
7440382	Arsenic	3.2E-05	2.3E-01	2.3E-01	--	--	--	2.3E-01	2.3E-01	2.3E-01	--	--	--
7440020	Nickel	2.0E-04	--	--	--	--	--	4.2E-04	1.4E-02	--	--	--	1.4E-02
7664939	Sulfuric Acid	1.0E-02	--	--	--	--	--	--	1.0E-02	--	--	--	--
7647010	HCl	1.8E-02	--	--	--	--	--	--	2.0E-03	--	--	--	--
50000	Formaldehyde	1.7E-02	--	--	--	--	--	--	1.9E-03	--	--	--	--
7440439	Cadmium	1.8E-05	--	--	--	1.7E-03	--	--	8.9E-04	--	--	--	--
107028	Acrolein	3.1E-04	--	--	--	--	--	--	8.8E-04	--	--	--	--
7783064	H2S	5.8E-03	--	--	--	--	--	--	5.8E-04	--	--	--	--
7664417	NH3	8.5E-02	--	--	--	--	--	--	4.2E-04	--	--	--	--
9901	DieselExhPM	1.9E-03	--	--	--	--	--	--	3.8E-04	--	--	--	--
111422	Diethanolamine	1.0E-03	--	--	--	--	--	--	3.4E-04	--	--	--	3.4E-04
7782505	Chlorine	5.2E-05	--	--	--	--	--	--	2.6E-04	--	--	--	--
7440417	Beryllium	1.4E-06	--	--	2.0E-04	--	1.7E-05	--	2.0E-04	--	--	--	--
91203	Naphthalene	1.7E-03	--	--	--	--	--	--	1.9E-04	--	--	--	--
26471625	TolueneDiisocyn	1.5E-06	--	--	--	--	--	--	1.9E-04	--	--	--	--
1330207	Xylenes	4.9E-02	--	7.0E-05	--	--	--	--	7.0E-05	--	7.0E-05	--	--
13463393	Ni Carbonyl	8.8E-07	--	--	--	--	--	1.9E-06	6.3E-05	--	--	--	6.3E-05
75070	Acetaldehyde	4.0E-03	--	--	--	--	--	--	2.9E-05	--	--	--	--
18540299	Cr(VI)	3.2E-06	--	--	--	--	--	--	1.6E-05	--	--	--	3.7E-06
1746016	2,3,7,8-TCDD	9.8E-13	--	--	--	--	1.3E-05	1.3E-05	1.3E-05	--	--	1.3E-05	1.3E-05

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
115071	Propylene	7.1E-03	--	--	--	--	--	--	2.4E-06	--	--	--	--
75569	Propylene Oxide	5.8E-05	--	--	--	--	--	--	1.9E-06	--	--	--	--
74839	Methyl Bromide	3.9E-06	--	7.8E-07	--	--	--	7.8E-07	7.8E-07	--	--	--	--
7664382	Phosphoric Acid	5.4E-07	--	--	--	--	--	--	7.8E-08	--	--	--	--
111762	EGBE	1.3E-06	--	--	--	--	--	--	1.6E-08	--	--	--	--
107211	Ethylene Glycol	3.9E-07	--	--	--	9.8E-10	--	9.8E-10	9.8E-10	--	--	--	--
100414	Ethyl Benzene	1.1E-02	--	--	--	5.4E-06	5.4E-06	5.4E-06	--	--	--	5.4E-06	--
106990	1,3-Butadiene	4.0E-04	--	--	--	--	--	2.0E-04	--	--	--	--	--
71432	Benzene	9.5E-03	--	--	--	--	--	--	--	--	--	--	3.2E-03
110543	Hexane	2.5E-02	--	3.6E-06	--	--	--	--	--	--	--	--	--
67561	Methanol	4.6E-04	--	--	--	--	--	1.2E-07	--	--	--	--	--
108883	Toluene	5.1E-02	--	--	--	--	--	--	--	--	1.2E-04	--	--
123911	1,4-Dioxane	1.4E-08	4.8E-12	--	--	4.8E-12	4.8E-12	--	--	--	--	--	--
50328	B[a]P	4.3E-04	--	--	--	--	--	--	--	--	--	--	--
75150	CS2	5.7E-04	--	7.1E-07	--	--	--	7.1E-07	--	--	--	--	--
463581	CarbonylSulfide	1.1E-02	--	1.1E-03	--	--	--	--	--	--	--	--	--
1319773	Cresols	7.3E-04	--	1.2E-06	--	--	--	--	--	--	--	--	--
106934	EDB	2.0E-05	--	--	--	--	--	2.5E-05	--	--	--	--	--
107062	EDC	7.2E-03	--	--	--	--	1.8E-05	--	--	--	--	--	--
67630	Isopropyl Alcoh	2.0E-05	--	--	--	2.8E-09	--	2.8E-09	--	--	--	--	--
78933	MEK	2.1E-03	--	--	--	--	--	--	--	--	--	--	--
1634044	Me t-ButylEther	2.1E-03	--	--	--	2.6E-07	2.6E-07	--	--	--	2.6E-07	--	--
75092	Methylene Chlor	8.6E-03	2.1E-05	2.1E-05	--	--	--	--	--	--	--	--	--
108952	Phenol	2.1E-03	1.1E-05	1.1E-05	--	1.1E-05	1.1E-05	--	--	--	--	--	--
100425	Styrene	6.1E-04	--	6.8E-07	--	--	--	--	--	--	--	--	--
56235	CCl4	4.2E-05	--	1.1E-06	--	--	1.1E-06	1.1E-06	--	--	--	--	--
7782492	Selenium	1.8E-03	8.6E-03	8.6E-03	--	--	8.6E-03	--	--	--	--	--	--
7440508	Copper	1.2E-04	--	--	--	--	--	--	--	--	--	--	--
57125	Cyanide cmpds	1.5E-04	1.7E-05	1.7E-05	--	--	--	--	--	--	--	1.7E-05	--
7439921	Lead	5.3E-05	--	--	--	--	--	--	--	--	--	--	--

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
7439965	Manganese	9.1E-04	--	1.0E-02	--	--	--	--	--	--	--	--	--
7439976	Mercury	1.1E-05	--	2.1E-03	--	2.1E-03	--	2.1E-03	--	--	--	--	--
96128	DBCP	5.1E-05	--	--	--	--	--	--	--	--	--	--	--
67663	Chloroform	8.3E-04	--	--	--	2.8E-06	2.8E-06	2.8E-06	--	--	--	--	--
117817	Di2-EthHxPhthal	1.8E-05	--	--	--	--	--	--	--	--	--	--	--
127184	Perc	1.7E-04	--	--	--	5.0E-06	5.0E-06	--	--	--	--	--	--
71556	1,1,1-TCA	2.3E-04	--	2.3E-07	--	--	--	--	--	--	--	--	--
79016	TCE	8.8E-05	--	1.5E-07	--	--	--	--	--	--	1.5E-07	--	--
88062	2,4,6TriClPhenl	5.3E-07	--	--	--	--	--	--	--	--	--	--	--
7440622	Vanadium	1.4E-05	--	--	--	--	--	--	--	--	--	--	--
1336363	PCBs	7.3E-09	--	--	--	--	--	--	--	--	--	--	--
74908	HCN	6.9E-03	7.6E-04	7.6E-04	--	--	--	--	--	--	--	7.6E-04	--
75014	Vinyl Chloride	3.6E-05	--	--	--	--	--	--	--	--	--	--	--
7440484	Cobalt	3.0E-07	--	--	--	--	--	--	--	--	--	--	--
107982	PGME	1.3E-06	--	--	--	--	1.8E-10	--	--	--	--	--	--
		Total HI =	2.4E-01	2.5E-01	2.0E-04	3.9E-03	8.7E-03	2.3E-01	**2.6E-01**	2.3E-01	1.9E-04	8.0E-04	1.8E-02

Offsite Worker Cancer Risk by Pollutant

Location: Receptor #358 | UTME 552,413.1 | UTMN 4,198,547.8. Total cancer risk at the MEIW is 2.5 in a million.
All cancer risk values in the table below are rounded to two decimal places and are in chance(s) per million. Worker cancer risk is the sum of inhalation risk, soil risk, and dermal risk.
Note: "--" denotes no health value associated with the pollutant/exposure pathway.

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk
Benzo[a]pyrene	50328	1.63	66.3%	0.18	0.78	0.67
Diesel PM	9901	0.41	16.7%	0.41	--	--
Benzene	71432	0.15	6.1%	0.15	--	--
Arsenic	7440382	0.11	4.3%	0.01	0.07	0.03
1,3-Butadiene	106990	0.04	1.7%	0.04	--	--
Chromium, hexavalent	18540299	0.04	1.5%	0.04	0.00	0.00
Naphthalene	91203	0.03	1.1%	0.03	--	--
Ethyl benzene	100414	0.01	0.5%	0.01	--	--
Ethylene dichloride {EDC}	107062	0.01	0.4%	0.01	--	--
Cadmium	7440439	0.01	0.4%	0.01	--	--
Formaldehyde	50000	0.01	0.3%	0.01	--	--
1,2-Dibromo-3-chloropropane	96128	0.01	0.2%	0.01	--	--
Nickel	7440020	0.01	0.2%	0.01	--	--
Lead	7439921	0.00	0.0%	0.00	0.00	0.00
Chloroform	67663	0.00	0.0%	0.00	--	--
Acetaldehyde	75070	0.00	0.0%	0.00	--	--
Ethylene dibromide {EDB}	106934	0.00	0.0%	0.00	--	--
Vinyl chloride	75014	0.00	0.0%	0.00	--	--
Methylene chloride {Dichloromethane}	75092	0.00	0.0%	0.00	--	--
Methyl tert-butyl ether	1634044	0.00	0.0%	0.00	--	--
Beryllium	7440417	0.00	0.0%	0.00	--	--
Cobalt	7440484	0.00	0.0%	0.00	--	--
Carbon tetrachloride	56235	0.00	0.0%	0.00	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746016	0.00	0.0%	0.00	0.00	0.00

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk
Perchloroethylene {Tetrachloroethene}	127184	0.00	0.0%	0.00	--	--
Nickel carbonyl	13463393	0.00	0.0%	0.00	--	--
Propylene oxide	75569	0.00	0.0%	0.00	--	--
Toluene diisocyanates	26471625	0.00	0.0%	0.00	--	--
Trichloroethylene	79016	0.00	0.0%	0.00	--	--
PCBs {Polychlorinated biphenyls}	1336363	0.00	0.0%	0.00	0.00	0.00
Di(2-ethylhexyl) phthalate	117817	0.00	0.0%	0.00	0.00	0.00
2,4,6-Trichlorophenol	88062	0.00	0.0%	0.00	--	--
1,4-Dioxane	123911	0.00	0.0%	0.00	--	--
Acrolein	107028	0.00	0.0%	--	--	--
Ammonia	7664417	0.00	0.0%	--	--	--
Carbon disulfide	75150	0.00	0.0%	--	--	--
Copper	7440508	0.00	0.0%	--	--	--
Cyanide compounds (inorganic)	57125	0.00	0.0%	--	--	--
Hexane	110543	0.00	0.0%	--	--	--
Hydrochloric acid	7647010	0.00	0.0%	--	--	--
Hydrogen sulfide	7783064	0.00	0.0%	--	--	--
Manganese	7439965	0.00	0.0%	--	--	--
Mercury	7439976	0.00	0.0%	--	--	--
Phenol	108952	0.00	0.0%	--	--	--
Propylene	115071	0.00	0.0%	--	--	--
Selenium	7782492	0.00	0.0%	--	--	--
Sulfuric acid	7664939	0.00	0.0%	--	--	--
Toluene	108883	0.00	0.0%	--	--	--
Xylenes (mixed)	1330207	0.00	0.0%	--	--	--
Methyl ethyl ketone {2-Butanone}	78933	0.00	0.0%	--	--	--
Methyl chloroform {1,1,1-Trichloroethane}	71556	0.00	0.0%	--	--	--
Cresols (mixtures of)	1319773	0.00	0.0%	--	--	--
Vanadium (fume or dust)	7440622	0.00	0.0%	--	--	--
Chlorine	7782505	0.00	0.0%	--	--	--

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk
Hydrocyanic acid	74908	0.00	0.0%	--	--	--
Methyl bromide {Bromomethane}	74839	0.00	0.0%	--	--	--
Ethylene glycol	107211	0.00	0.0%	--	--	--
Ethylene glycol monobutyl ether	111762	0.00	0.0%	--	--	--
Isopropyl alcohol	67630	0.00	0.0%	--	--	--
Propylene glycol monomethyl ether	107982	0.00	0.0%	--	--	--
Diethanolamine	111422	0.00	0.0%	--	--	--
Methanol	67561	0.00	0.0%	--	--	--
Styrene	100425	0.00	0.0%	--	--	--
Carbonyl sulfide	463581	0.00	0.0%	--	--	--
Phosphoric acid	7664382	0.00	0.0%	--	--	--
	Total	**2.46**	100%	0.91	0.85	0.70

Offsite Worker Chronic Risk

Location: Receptor #358 | UTME 552,413.1 | UTMN 4,198,547.8
Max HI = 0.10. The most impacted organ/system is the respiratory system.

Note:

1. CV = Cardiovascular, CNS = Central nervous system, IMMUN = Immune system, GILV = Gastrointestinal/ Liver, REPRO/DEVEL = Reproductive/ Developmental, RESP = Respiratory, ENDO = Endocrine, BLOOD = Circulatory.
2. "--" denotes no health value associated with the pollutant and the targeted organ/system.
3. The following targeted organ/system does not have any associated health value and hence is not presented in the table below: Bone/Teeth.

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
7440382	Arsenic	1.6E-05	7.2E-02	7.2E-02	--	--	--	7.2E-02	7.2E-02	7.2E-02	--	--	--
7664939	Sulfuric Acid	1.2E-02	--	--	--	--	--	--	1.2E-02	--	--	--	--
7440020	Nickel	9.8E-05	--	--	--	--	--	1.2E-04	7.0E-03	--	--	--	7.0E-03
111422	Diethanolamine	4.4E-03	--	--	--	--	--	--	1.5E-03	--	--	--	1.5E-03
9901	DieselExhPM	6.6E-03	--	--	--	--	--	--	1.3E-03	--	--	--	--
26471625	TolueneDiisocyn	7.5E-06	--	--	--	--	--	--	9.3E-04	--	--	--	--
7783064	H2S	9.0E-03	--	--	--	--	--	--	9.0E-04	--	--	--	--
7647010	HCl	7.8E-03	--	--	--	--	--	--	8.6E-04	--	--	--	--
50000	Formaldehyde	6.9E-03	--	--	--	--	--	--	7.7E-04	--	--	--	--
7440439	Cadmium	1.1E-05	--	--	--	8.1E-04	--	--	5.4E-04	--	--	--	--
7664417	NH3	1.0E-01	--	--	--	--	--	--	5.0E-04	--	--	--	--
91203	Naphthalene	4.0E-03	--	--	--	--	--	--	4.4E-04	--	--	--	--
107028	Acrolein	1.2E-04	--	--	--	--	--	--	3.6E-04	--	--	--	--
1330207	Xylenes	1.1E-01	--	1.6E-04	--	--	--	--	1.6E-04	--	1.6E-04	--	--
7782505	Chlorine	2.1E-05	--	--	--	--	--	--	1.0E-04	--	--	--	--
7440417	Beryllium	5.7E-07	--	--	8.1E-05	--	4.0E-06	--	8.1E-05	--	--	--	--
13463393	Ni Carbonyl	8.5E-07	--	--	--	--	--	1.0E-06	6.1E-05	--	--	--	6.1E-05
75070	Acetaldehyde	1.6E-03	--	--	--	--	--	--	1.1E-05	--	--	--	--
115071	Propylene	2.5E-02	--	--	--	--	--	--	8.3E-06	--	--	--	--
18540299	Cr(VI)	1.2E-06	--	--	--	--	--	--	6.2E-06	--	--	--	8.4E-07

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
75569	Propylene Oxide	2.9E-05	--	--	--	--	--	--	9.5E-07	--	--	--	--
74839	Methyl Bromide	3.8E-06	--	7.5E-07	--	--	--	7.5E-07	7.5E-07	--	--	--	--
7664382	Phosphoric Acid	2.0E-06	--	--	--	--	--	--	2.8E-07	--	--	--	--
1746016	2,3,7,8-TCDD	6.9E-13	--	--	--	--	2.6E-07	2.6E-07	2.6E-07	--	--	2.6E-07	2.6E-07
111762	EGBE	4.1E-06	--	--	--	--	--	--	5.1E-08	--	--	--	--
107211	Ethylene Glycol	2.1E-06	--	--	--	5.2E-09	--	5.2E-09	5.2E-09	--	--	--	--
100414	Ethyl Benzene	2.4E-02	--	--	--	1.2E-05	1.2E-05	1.2E-05	--	--	--	1.2E-05	--
106990	1,3-Butadiene	1.2E-03	--	--	--	--	--	6.2E-04	--	--	--	--	--
71432	Benzene	2.7E-02	--	--	--	--	--	--	--	--	--	--	8.9E-03
110543	Hexane	2.6E-02	--	3.6E-06	--	--	--	--	--	--	--	--	--
67561	Methanol	1.3E-03	--	--	--	--	--	3.4E-07	--	--	--	--	--
108883	Toluene	1.2E-01	--	--	--	--	--	--	--	--	2.8E-04	--	--
123911	1,4-Dioxane	4.3E-08	1.4E-11	--	--	1.4E-11	1.4E-11	--	--	--	--	--	--
50328	B[a]P	1.1E-03	--	--	--	--	--	--	--	--	--	--	--
75150	CS2	2.5E-03	--	3.1E-06	--	--	--	3.1E-06	--	--	--	--	--
463581	CarbonylSulfide	3.1E-02	--	3.1E-03	--	--	--	--	--	--	--	--	--
1319773	Cresols	2.0E-03	--	3.4E-06	--	--	--	--	--	--	--	--	--
106934	EDB	5.5E-05	--	--	--	--	--	6.9E-05	--	--	--	--	--
107062	EDC	2.6E-03	--	--	--	--	6.4E-06	--	--	--	--	--	--
67630	Isopropyl Alcoh	6.4E-05	--	--	--	9.2E-09	--	9.2E-09	--	--	--	--	--
78933	MEK	3.0E-03	--	--	--	--	--	--	--	--	--	--	--
1634044	Me t-ButylEther	5.3E-03	--	--	--	6.6E-07	6.6E-07	--	--	--	6.6E-07	--	--
75092	Methylene Chlor	3.0E-03	7.5E-06	7.5E-06	--	--	--	--	--	--	--	--	--
108952	Phenol	7.0E-03	3.5E-05	3.5E-05	--	3.5E-05	3.5E-05	--	--	--	--	--	--
100425	Styrene	1.7E-03	--	1.9E-06	--	--	--	--	--	--	--	--	--
56235	CCl4	1.6E-05	--	4.0E-07	--	--	4.0E-07	4.0E-07	--	--	--	--	--
7782492	Selenium	5.3E-04	1.5E-03	1.5E-03	--	--	1.5E-03	--	--	--	--	--	--
7440508	Copper	8.3E-05	--	--	--	--	--	--	--	--	--	--	--
57125	Cyanide cmpds	9.5E-05	1.1E-05	1.1E-05	--	--	--	--	--	--	--	1.1E-05	--
7439921	Lead	3.5E-05	--	--	--	--	--	--	--	--	--	--	--

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
7439965	Manganese	3.1E-04	--	3.4E-03	--	--	--	--	--	--	--	--	--
7439976	Mercury	6.6E-06	--	8.3E-04	--	8.3E-04	--	8.3E-04	--	--	--	--	--
96128	DBCP	1.5E-05	--	--	--	--	--	--	--	--	--	--	--
67663	Chloroform	8.4E-04	--	--	--	2.8E-06	2.8E-06	2.8E-06	--	--	--	--	--
117817	Di2-EthHxPhthal	1.6E-05	--	--	--	--	--	--	--	--	--	--	--
127184	Perc	5.4E-05	--	--	--	1.6E-06	1.6E-06	--	--	--	--	--	--
71556	1,1,1-TCA	8.0E-05	--	8.0E-08	--	--	--	--	--	--	--	--	--
79016	TCE	4.0E-05	--	6.6E-08	--	--	--	--	--	--	6.6E-08	--	--
88062	2,4,6TriClPhenl	5.0E-07	--	--	--	--	--	--	--	--	--	--	--
7440622	Vanadium	6.8E-06	--	--	--	--	--	--	--	--	--	--	--
1336363	PCBs	2.9E-09	--	--	--	--	--	--	--	--	--	--	--
74908	HCN	6.6E-03	7.4E-04	7.4E-04	--	--	--	--	--	--	--	7.4E-04	--
75014	Vinyl Chloride	4.5E-05	--	--	--	--	--	--	--	--	--	--	--
7440484	Cobalt	1.5E-07	--	--	--	--	--	--	--	--	--	--	--
107982	PGME	4.1E-06	--	--	--	--	5.9E-10	--	--	--	--	--	--
		Total HI =	7.4E-02	8.2E-02	8.1E-05	1.7E-03	1.6E-03	7.4E-02	**1.0E-01**	7.2E-02	4.5E-04	7.6E-04	1.7E-02

Student Cancer Risk by Pollutant

Location: Washington Elementary School | Receptor #852 | UTME 554,363.0 | UTMN 4,197,636.0.
Total cancer risk at the MEIS is 1.3 in a million.
All cancer risk values in the table below are rounded to two decimal places and are in chance(s) per million. Student cancer risk is the sum of inhalation risk, soil risk, and dermal risk.

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk
Benzo[a]pyrene	50328	0.60	45.7%	0.07	0.33	0.20
Arsenic	7440382	0.24	18.2%	0.02	0.17	0.05
Diesel PM	9901	0.17	13.3%	0.17	--	--
Benzene	71432	0.10	7.4%	0.10	--	--
Chromium, hexavalent	18540299	0.09	6.9%	0.08	0.01	0.00
Ethylene dichloride {EDC}	107062	0.03	2.0%	0.03	--	--
Formaldehyde	50000	0.02	1.4%	0.02	--	--
Cadmium	7440439	0.02	1.2%	0.02	--	--
1,3-Butadiene	106990	0.01	0.9%	0.01	--	--
Naphthalene	91203	0.01	0.7%	0.01	--	--
Nickel	7440020	0.01	0.7%	0.01	--	--
1,2-Dibromo-3-chloropropane	96128	0.01	0.6%	0.01	--	--
Ethyl benzene	100414	0.00	0.4%	0.00	--	--
Lead	7439921	0.00	0.2%	0.00	0.00	0.00
Acetaldehyde	75070	0.00	0.1%	0.00	--	--
Methylene chloride {Dichloromethane}	75092	0.00	0.1%	0.00	--	--
Chloroform	67663	0.00	0.1%	0.00	--	--
Cobalt	7440484	0.00	0.0%	0.00	--	--
Beryllium	7440417	0.00	0.0%	0.00	--	--
Vinyl chloride	75014	0.00	0.0%	0.00	--	--
Carbon tetrachloride	56235	0.00	0.0%	0.00	--	--
Ethylene dibromide {EDB}	106934	0.00	0.0%	0.00	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746016	0.00	0.0%	0.00	0.00	0.00
Methyl tert-butyl ether	1634044	0.00	0.0%	0.00	--	--

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk
Perchloroethylene {Tetrachloroethene}	127184	0.00	0.0%	0.00	--	--
Nickel carbonyl	13463393	0.00	0.0%	0.00	--	--
Propylene oxide	75569	0.00	0.0%	0.00	--	--
Trichloroethylene	79016	0.00	0.0%	0.00	--	--
PCBs {Polychlorinated biphenyls}	1336363	0.00	0.0%	0.00	0.00	0.00
Toluene diisocyanates	26471625	0.00	0.0%	0.00	--	--
Di(2-ethylhexyl) phthalate	117817	0.00	0.0%	0.00	0.00	0.00
2,4,6-Trichlorophenol	88062	0.00	0.0%	0.00	--	--
1,4-Dioxane	123911	0.00	0.0%	0.00	--	--
Acrolein	107028	0.00	0.0%	--	--	--
Ammonia	7664417	0.00	0.0%	--	--	--
Carbon disulfide	75150	0.00	0.0%	--	--	--
Copper	7440508	0.00	0.0%	--	--	--
Cyanide compounds (inorganic)	57125	0.00	0.0%	--	--	--
Hexane	110543	0.00	0.0%	--	--	--
Hydrochloric acid	7647010	0.00	0.0%	--	--	--
Hydrogen sulfide	7783064	0.00	0.0%	--	--	--
Manganese	7439965	0.00	0.0%	--	--	--
Mercury	7439976	0.00	0.0%	--	--	--
Phenol	108952	0.00	0.0%	--	--	--
Propylene	115071	0.00	0.0%	--	--	--
Selenium	7782492	0.00	0.0%	--	--	--
Sulfuric acid	7664939	0.00	0.0%	--	--	--
Toluene	108883	0.00	0.0%	--	--	--
Xylenes (mixed)	1330207	0.00	0.0%	--	--	--
Methyl ethyl ketone {2-Butanone}	78933	0.00	0.0%	--	--	--
Methyl chloroform {1,1,1-Trichloroethane}	71556	0.00	0.0%	--	--	--
Cresols (mixtures of)	1319773	0.00	0.0%	--	--	--
Vanadium (fume or dust)	7440622	0.00	0.0%	--	--	--
Chlorine	7782505	0.00	0.0%	--	--	--

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk
Hydrocyanic acid	74908	0.00	0.0%	--	--	--
Methyl bromide {Bromomethane}	74839	0.00	0.0%	--	--	--
Ethylene glycol	107211	0.00	0.0%	--	--	--
Ethylene glycol monobutyl ether	111762	0.00	0.0%	--	--	--
Isopropyl alcohol	67630	0.00	0.0%	--	--	--
Propylene glycol monomethyl ether	107982	0.00	0.0%	--	--	--
Diethanolamine	111422	0.00	0.0%	--	--	--
Methanol	67561	0.00	0.0%	--	--	--
Styrene	100425	0.00	0.0%	--	--	--
Carbonyl sulfide	463581	0.00	0.0%	--	--	--
Phosphoric acid	7664382	0.00	0.0%	--	--	--
	Total	**1.30**	100%	0.55	0.51	0.25

Student Chronic Risk

Location: Leadership Public Schools – Richmond | Receptor #2205 | UTME 556,063.0 | UTMN 4,198,636.0
Max HI = 0.13. The most impacted organ/system is the respiratory system.
Note:

1. CV = Cardiovascular, CNS = Central nervous system, IMMUN = Immune system, GILV = Gastrointestinal/ Liver, REPRO/DEVEL = Reproductive/ Developmental, RESP = Respiratory, ENDO = Endocrine, BLOOD = Circulatory.
2. "--" denotes no health value associated with the pollutant and the targeted organ/system.
3. The following targeted organ/system does not have any associated health value and is not presented in the table below: Bone/Teeth.

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
7440382	Arsenic	1.6E-05	1.1E-01	1.1E-01	--	--	--	1.1E-01	1.1E-01	1.1E-01	--	--	--
7440020	Nickel	1.0E-04	--	--	--	--	--	2.2E-04	7.3E-03	--	--	--	7.3E-03
7664939	Sulfuric Acid	6.0E-03	--	--	--	--	--	--	6.0E-03	--	--	--	--
50000	Formaldehyde	1.0E-02	--	--	--	--	--	--	1.1E-03	--	--	--	--
7647010	HCl	9.3E-03	--	--	--	--	--	--	1.0E-03	--	--	--	--
7440439	Cadmium	1.0E-05	--	--	--	9.7E-04	--	--	5.1E-04	--	--	--	--
107028	Acrolein	1.5E-04	--	--	--	--	--	--	4.3E-04	--	--	--	--
7783064	H2S	3.1E-03	--	--	--	--	--	--	3.1E-04	--	--	--	--
7664417	NH3	5.6E-02	--	--	--	--	--	--	2.8E-04	--	--	--	--
111422	Diethanolamine	6.5E-04	--	--	--	--	--	--	2.2E-04	--	--	--	2.2E-04
9901	DieselExhPM	9.7E-04	--	--	--	--	--	--	1.9E-04	--	--	--	--
26471625	TolueneDiisocyn	1.2E-06	--	--	--	--	--	--	1.5E-04	--	--	--	--
7440417	Beryllium	6.9E-07	--	--	9.9E-05	--	8.3E-06	--	9.9E-05	--	--	--	--
7782505	Chlorine	1.5E-05	--	--	--	--	--	--	7.7E-05	--	--	--	--
91203	Naphthalene	5.7E-04	--	--	--	--	--	--	6.3E-05	--	--	--	--
13463393	Ni Carbonyl	5.2E-07	--	--	--	--	--	1.1E-06	3.7E-05	--	--	--	3.7E-05
1330207	Xylenes	1.7E-02	--	2.4E-05	--	--	--	--	2.4E-05	--	2.4E-05	--	--
75070	Acetaldehyde	2.0E-03	--	--	--	--	--	--	1.4E-05	--	--	--	--
18540299	Cr(VI)	1.6E-06	--	--	--	--	--	--	8.2E-06	--	--	--	1.9E-06
75569	Propylene Oxide	4.9E-05	--	--	--	--	--	--	1.6E-06	--	--	--	--

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
115071	Propylene	3.3E-03	--	--	--	--	--	--	1.1E-06	--	--	--	--
74839	Methyl Bromide	2.3E-06	--	4.6E-07	--	--	--	4.6E-07	4.6E-07	--	--	--	--
1746016	2,3,7,8-TCDD	4.4E-13	--	--	--	--	2.6E-07	2.6E-07	2.6E-07	--	--	2.6E-07	2.6E-07
7664382	Phosphoric Acid	7.3E-07	--	--	--	--	--	--	1.0E-07	--	--	--	--
111762	EGBE	9.4E-07	--	--	--	--	--	--	1.1E-08	--	--	--	--
107211	Ethylene Glycol	3.2E-07	--	--	--	8.1E-10	--	8.1E-10	8.1E-10	--	--	--	--
100414	Ethyl Benzene	3.7E-03	--	--	--	1.9E-06	1.9E-06	1.9E-06	--	--	--	1.9E-06	--
106990	1,3-Butadiene	1.2E-04	--	--	--	--	--	6.1E-05	--	--	--	--	--
71432	Benzene	5.5E-03	--	--	--	--	--	--	--	--	--	--	1.8E-03
110543	Hexane	1.1E-02	--	1.5E-06	--	--	--	--	--	--	--	--	--
67561	Methanol	1.5E-04	--	--	--	--	--	3.7E-08	--	--	--	--	--
108883	Toluene	1.8E-02	--	--	--	--	--	--	--	--	4.3E-05	--	--
123911	1,4-Dioxane	2.4E-09	7.9E-13	--	--	7.9E-13	7.9E-13	--	--	--	--	--	--
50328	B[a]P	1.2E-04	--	--	--	--	--	--	--	--	--	--	--
75150	CS2	5.4E-04	--	6.8E-07	--	--	--	6.8E-07	--	--	--	--	--
463581	CarbonylSulfide	3.1E-03	--	3.1E-04	--	--	--	--	--	--	--	--	--
1319773	Cresols	2.1E-04	--	3.4E-07	--	--	--	--	--	--	--	--	--
106934	EDB	5.2E-06	--	--	--	--	--	6.5E-06	--	--	--	--	--
107062	EDC	4.3E-03	--	--	--	--	1.1E-05	--	--	--	--	--	--
67630	Isopropyl Alcoh	9.4E-06	--	--	--	1.3E-09	--	1.3E-09	--	--	--	--	--
78933	MEK	8.6E-04	--	--	--	--	--	--	--	--	--	--	--
1634044	Me t-ButylEther	6.4E-04	--	--	--	8.0E-08	8.0E-08	--	--	--	8.0E-08	--	--
75092	Methylene Chlor	5.1E-03	1.3E-05	1.3E-05	--	--	--	--	--	--	--	--	--
108952	Phenol	9.5E-04	4.8E-06	4.8E-06	--	4.8E-06	4.8E-06	--	--	--	--	--	--
100425	Styrene	1.8E-04	--	2.0E-07	--	--	--	--	--	--	--	--	--
56235	CCl4	2.5E-05	--	6.3E-07	--	--	6.3E-07	6.3E-07	--	--	--	--	--
7782492	Selenium	8.0E-04	3.9E-03	3.9E-03	--	--	3.9E-03	--	--	--	--	--	--
7439976	Mercury	8.0E-06	--	1.5E-03	--	1.5E-03	--	1.5E-03	--	--	--	--	--
7440508	Copper	7.1E-05	--	--	--	--	--	--	--	--	--	--	--
57125	Cyanide cmpds	8.3E-05	9.3E-06	9.3E-06	--	--	--	--	--	--	--	9.3E-06	--

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/ DEVEL	RESP	SKIN	EYE	ENDO	BLOOD
7439921	Lead	2.7E-05	--	--	--	--	--	--	--	--	--	--	--
7439965	Manganese	4.5E-04	--	5.0E-03	--	--	--	--	--	--	--	--	--
96128	DBCP	1.3E-05	--	--	--	--	--	--	--	--	--	--	--
67663	Chloroform	3.6E-04	--	--	--	1.2E-06	1.2E-06	1.2E-06	--	--	--	--	--
117817	Di2-EthHxPhthal	5.1E-06	--	--	--	--	--	--	--	--	--	--	--
127184	Perc	5.9E-05	--	--	--	1.7E-06	1.7E-06	--	--	--	--	--	--
71556	1,1,1-TCA	1.3E-04	--	1.3E-07	--	--	--	--	--	--	--	--	--
79016	TCE	6.9E-05	--	1.1E-07	--	--	--	--	--	--	1.1E-07	--	--
88062	2,4,6TriClPhenl	1.7E-07	--	--	--	--	--	--	--	--	--	--	--
7440622	Vanadium	6.9E-06	--	--	--	--	--	--	--	--	--	--	--
1336363	PCBs	2.2E-09	--	--	--	--	--	--	--	--	--	--	--
74908	HCN	4.0E-03	4.5E-04	4.5E-04	--	--	--	--	--	--	--	4.5E-04	--
75014	Vinyl Chloride	7.2E-06	--	--	--	--	--	--	--	--	--	--	--
7440484	Cobalt	2.6E-07	--	--	--	--	--	--	--	--	--	--	--
107982	PGME	9.4E-07	--	--	--	--	1.3E-10	--	--	--	--	--	--
		Total	1.2E-01	1.3E-01	9.9E-05	2.5E-03	3.9E-03	1.2E-01	**1.3E-01**	1.1E-01	6.7E-05	4.6E-04	9.4E-03

Acute Risk by Pollutant

Location: Receptor #361 | UTME 554,560.0 | UTMN 4,199,549.0
Max HI = 1.2. The most impacted organ/system is the immune system.

Note:

1. CV = Cardiovascular, CNS = Central nervous system, IMMUN = Immune system, GILV = Gastrointestinal/ Liver, REPRO/DEVEL = Reproductive/ Developmental, RESP = Respiratory, BLOOD = Circulatory.
2. "--" denotes no health value associated with the pollutant and the targeted organ/system.
3. The following targeted organ/systems do not have any associated health value at any source and are not presented in the table below: Kidney, Skin, Bone/Teeth, Endocrine.

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	GILV	REPRO/DEVEL	RESP	EYE	BLOOD
71432	Benzene	3.0E+01	--	--	1.1E+00	--	1.1E+00	--	--	1.1E+00
7440020	Nickel	2.2E-02	--	--	1.1E-01	--	--	--	--	--
13463393	Ni Carbonyl	2.2E-04	--	--	1.1E-03	--	--	--	--	--
100414	Ethyl Benzene	6.4E+00	--	--	--	--	--	--	--	--
106990	1,3-Butadiene	1.5E-01	--	--	--	--	2.3E-04	--	--	--
110543	Hexane	4.9E+00	--	--	--	--	--	--	--	--
7783064	H2S	2.1E+00	--	5.0E-02	--	--	--	--	--	--
67561	Methanol	2.0E-01	--	7.2E-06	--	--	--	--	--	--
91203	Naphthalene	9.8E-01	--	--	--	--	--	--	--	--
115071	Propylene	4.8E+00	--	--	--	--	--	--	--	--
108883	Toluene	2.4E+01	--	4.8E-03	--	--	--	4.8E-03	4.8E-03	--
1330207	Xylenes	2.9E+01	--	1.3E-03	--	--	--	1.3E-03	1.3E-03	--
123911	1,4-Dioxane	2.3E-06	--	--	--	--	--	7.7E-10	7.7E-10	--
107028	Acrolein	5.4E-02	--	--	--	--	--	2.2E-02	2.2E-02	--
50328	B[a]P	1.5E-01	--	--	--	--	--	--	--	--
75150	CS2	6.1E-01	--	9.8E-05	--	--	9.8E-05	--	--	--
463581	CarbonylSulfide	3.2E+00	--	4.9E-03	--	--	--	--	--	--
1319773	Cresols	3.3E-01	--	--	--	--	--	--	--	--
111422	Diethanolamine	4.5E+00	--	--	--	--	--	--	--	--

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	GILV	REPRO/DEVEL	RESP	EYE	BLOOD
106934	EDB	5.1E-03	--	--	--	--	--	--	--	--
107062	EDC	5.9E-01	--	--	--	--	--	--	--	--
67630	Isopropyl Alcoh	1.2E-02	--	--	--	--	--	3.8E-06	3.8E-06	--
78933	MEK	5.1E+00	--	--	--	--	--	3.9E-04	3.9E-04	--
1634044	Me t-ButylEther	5.8E-01	--	--	--	--	--	--	--	--
75092	Methylene Chlor	6.9E-01	4.9E-05	4.9E-05	--	--	--	--	--	--
108952	Phenol	1.4E+00	--	--	--	--	--	2.4E-04	2.4E-04	--
100425	Styrene	2.0E-01	9.5E-06	--	--	--	9.5E-06	9.5E-06	9.5E-06	--
7664417	NH3	3.0E+01	--	--	--	--	--	9.4E-03	9.4E-03	--
75070	Acetaldehyde	3.2E-01	--	--	--	--	--	6.8E-04	6.8E-04	--
56235	CCl4	3.6E-03	--	1.9E-06	--	1.9E-06	1.9E-06	--	--	--
7782492	Selenium	9.2E-02	--	--	--	--	--	--	--	--
7664939	Sulfuric Acid	2.0E+00	--	--	--	--	--	1.7E-02	--	--
7664382	Phosphoric Acid	2.4E-03	--	--	--	--	--	--	--	--
9901	DieselExhPM	1.2E+00	--	--	--	--	--	--	--	--
7440382	Arsenic	3.3E-03	1.6E-02	1.6E-02	--	--	1.6E-02	--	--	--
7440417	Beryllium	2.0E-04	--	--	--	--	--	--	--	--
7440439	Cadmium	3.2E-03	--	--	--	--	--	--	--	--
18540299	Cr(VI)	5.2E-04	--	--	--	--	--	--	--	--
7440508	Copper	1.9E-02	--	--	--	--	--	1.9E-04	--	--
57125	Cyanide cmpds	2.8E-02	--	8.2E-05	--	--	--	--	--	--
50000	Formaldehyde	1.6E+00	--	--	--	--	--	--	3.0E-02	--
7647010	HCl	3.1E+00	--	--	--	--	--	1.5E-03	1.5E-03	--
7439921	Lead	7.6E-03	--	--	--	--	--	--	--	--
7439965	Manganese	6.0E-02	--	--	--	--	--	--	--	--
7439976	Mercury	1.8E-03	--	3.0E-03	--	--	3.0E-03	--	--	--
96128	DBCP	9.1E-03	--	--	--	--	--	--	--	--
67663	Chloroform	1.0E+00	--	6.8E-03	--	--	6.8E-03	6.8E-03	--	--
117817	Di2-EthHxPhthal	3.4E-03	--	--	--	--	--	--	--	--
127184	Perc	2.7E-02	--	1.3E-06	--	--	--	1.3E-06	1.3E-06	--
71556	1,1,1-TCA	1.8E-02	--	2.7E-07	--	--	--	--	--	--

CAS #	Chemical Abbreviation	Concentration (ug/m3)	CV	CNS	IMMUN	GILV	REPRO/DEVEL	RESP	EYE	BLOOD
79016	TCE	1.1E-02	--	--	--	--	--	--	--	--
88062	2,4,6TriClPhenl	1.1E-04	--	--	--	--	--	--	--	--
7440622	Vanadium	3.1E-03	--	--	--	--	--	1.0E-04	1.0E-04	--
1746016	2,3,7,8-TCDD	2.2E-10	--	--	--	--	--	--	--	--
7782505	Chlorine	1.0E-02	--	--	--	--	--	4.8E-05	4.8E-05	--
1336363	PCBs	1.4E-06	--	--	--	--	--	--	--	--
74908	HCN	1.7E+00	--	5.1E-03	--	--	--	--	--	--
74839	Methyl Bromide	9.7E-04	--	2.5E-07	--	--	2.5E-07	2.5E-07	--	--
75014	Vinyl Chloride	1.0E-02	--	5.6E-08	--	--	--	5.6E-08	5.6E-08	--
7440484	Cobalt	4.3E-05	--	--	--	--	--	--	--	--
75569	Propylene Oxide	8.2E-03	--	--	--	--	2.6E-06	2.6E-06	2.6E-06	--
107211	Ethylene Glycol	3.0E-03	--	--	--	--	--	--	--	--
111762	EGBE	2.1E-03	--	--	--	--	--	4.4E-07	4.4E-07	--
107982	PGME	2.1E-03	--	--	--	--	--	--	--	--
26471625	TolueneDiisocyn	9.8E-03	--	--	--	--	--	4.9E-03	--	--
		Total HI =	1.6E-02	9.3E-02	**1.2E+00**	1.9E-06	1.1E+00	6.9E-02	7.0E-02	1.1E+00

Resident Cancer Risk by Source

Location: Receptor #1077 | UTME 552,963.0 | UTMN 4,198,236.0. Total cancer risk at the MEIR is 37 in a million.
All cancer risk values in the table below are rounded to two decimal places and are in chance(s) per million. Resident cancer risk is the sum of inhalation risk, soil risk, dermal risk, and mother's milk risk.

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	7.52	20.3%	0.62	4.28	0.45	2.16
Storage Tank	3216	Tank 3216: Organic Liquid Storage Tank	3.83	10.3%	0.25	2.22	0.23	1.12
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	3.43	9.2%	0.76	1.66	0.17	0.84
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	3.22	8.7%	0.29	1.82	0.19	0.92
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	2.92	7.9%	0.26	1.65	0.17	0.83
Storage Tank	32159	Fixed Roof Tank 3218, Distillate Oil	1.85	5.0%	0.12	1.07	0.11	0.54
Storage Tank	32164	Fixed Roof Tank 3227	1.31	3.5%	0.12	0.74	0.08	0.38
Generator	32121	Internal Combustion Engine (TV: S-7503)	1.28	3.5%	1.28	0.00	0.00	0.00
Generator	32122	Internal Combustion Engine (TV: S-7504)	1.28	3.5%	1.28	0.00	0.00	0.00
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	0.84	2.3%	0.08	0.47	0.05	0.24
Wastewater Treatment	4393	BIO-REACTOR	0.52	1.4%	0.52	0.00	0.00	0.00
Storage Tank	1504	Tank 1504	0.47	1.3%	0.06	0.26	0.03	0.13
Marine Loading	9321	Marine Terminal Berth #1	0.35	0.9%	0.08	0.26	0.01	0.00
Generator	7513	Stormwater Pump Engine, P-302A	0.35	0.9%	0.35	0.00	0.00	0.00
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	0.35	0.9%	0.03	0.20	0.02	0.10
Storage Tank	1899	Tank 1899	0.32	0.8%	0.02	0.18	0.02	0.09
Generator	32124	Internal Combustion Engine (TV: S-7547)	0.29	0.8%	0.29	0.00	0.00	0.00
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	0.25	0.7%	0.20	0.06	0.00	0.00
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	0.24	0.6%	0.18	0.05	0.00	0.00
Marine Loading	9324	Marine Terminal Berth #4	0.22	0.6%	0.05	0.16	0.01	0.00
Boiler Heater	4129	800# STM BLR #1 #IPP	0.22	0.6%	0.06	0.15	0.01	0.00
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	0.21	0.6%	0.01	0.12	0.01	0.06
Boiler Heater	4135	800# STM BLR #7 #1 PP	0.21	0.6%	0.06	0.14	0.01	0.00
Storage Tank	397	Tank 397	0.20	0.5%	0.02	0.11	0.01	0.06

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Storage Tank	984	Tank 984	0.20	0.5%	0.02	0.11	0.01	0.06
Cogeneration	4351	Heat Recovery Steam Generator	0.17	0.5%	0.11	0.07	0.00	0.00
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	0.17	0.5%	0.01	0.10	0.01	0.05
Cogeneration	4353	Heat Recovery Steam Generator	0.17	0.4%	0.10	0.06	0.00	0.00
Storage Tank	3185	Tank 3185 (previously T-982)	0.17	0.4%	0.01	0.10	0.01	0.05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	0.16	0.4%	0.01	0.09	0.01	0.05
Generator	7514	Stormwater Pump Engine, P-302B	0.15	0.4%	0.15	0.00	0.00	0.00
Generator	32120	Internal Combustion Engine (TV: S-7502)	0.14	0.4%	0.14	0.00	0.00	0.00
Boiler Heater	4133	800# STEAM BLR #5 #1PP	0.13	0.4%	0.04	0.09	0.00	0.00
Storage Tank	1798	Tank 1798	0.13	0.4%	0.01	0.08	0.01	0.04
Cooling Towers	4073	LSFO COOLING TOWER	0.13	0.3%	0.13	0.00	0.00	0.00
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	0.13	0.3%	0.02	0.07	0.01	0.03
Boiler Heater	4132	800# STM BLR #4 #1 PP	0.12	0.3%	0.03	0.09	0.00	0.00
Storage Tank	3129	Tank 3129	0.12	0.3%	0.01	0.07	0.01	0.03
Boiler Heater	4131	800# STM BLR #3 #1PP	0.11	0.3%	0.03	0.08	0.00	0.00
Storage Tank	1493	Tank 1493	0.11	0.3%	0.01	0.06	0.01	0.03
Generator	7013	SRU Standby Generator	0.10	0.3%	0.10	0.00	0.00	0.00
Storage Tank	3190	Tank 3190	0.10	0.3%	0.01	0.06	0.01	0.03
Storage Tank	1799	Tank 1799	0.10	0.3%	0.01	0.06	0.01	0.03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	0.09	0.3%	0.01	0.05	0.01	0.03
Storage Tank	3180	Tank 3180	0.08	0.2%	0.08	0.00	0.00	0.00
Storage Tank	3074	Tank 3074	0.07	0.2%	0.01	0.04	0.00	0.02
Generator	4431	Prime Diesel Engine Generator w/ integral Diesel Oxidation	0.07	0.2%	0.07	0.00	0.00	0.00
Storage Tank	1492	Tank 1492	0.07	0.2%	0.01	0.04	0.00	0.02
Marine Loading	9322	Marine Terminal Berth #2	0.07	0.2%	0.01	0.05	0.00	0.00
Storage Tank	1292	Tank 1292	0.06	0.2%	0.00	0.04	0.00	0.02
Boiler Heater	4071	#4 CRUDE UNIT F1100B	0.06	0.2%	0.02	0.04	0.00	0.00
Marine Loading	9323	Marine Terminal Berth #3	0.06	0.2%	0.01	0.05	0.00	0.00
Generator	4430	Prime Diesel Engine Generator # 2	0.06	0.2%	0.06	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Boiler Heater	4155	F-135 Hot Oil Furnace	0.05	0.1%	0.01	0.04	0.00	0.00
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	0.05	0.1%	0.01	0.04	0.00	0.00
Storage Tank	990	Tank 990	0.05	0.1%	0.05	0.00	0.00	0.00
Boiler Heater	4060	#1 JHT Furnace #210A&B	0.05	0.1%	0.02	0.03	0.00	0.00
Storage Tank	3197	Gasoline Component Tank	0.05	0.1%	0.01	0.02	0.00	0.01
Storage Tank	3132	Tank 3132	0.04	0.1%	0.00	0.03	0.00	0.01
Storage Tank	3225	Organic Liquid Storage Tank	0.04	0.1%	0.01	0.02	0.00	0.01
Generator	7515	Emergency Diesel Stormwater Pump Engine(P-351A)	0.04	0.1%	0.04	0.00	0.00	0.00
Storage Tank	991	Tank 991	0.04	0.1%	0.04	0.00	0.00	0.00
Generator	7546	Portable Diesel Engine	0.04	0.1%	0.04	0.00	0.00	0.00
Boiler Heater	4059	#1 JHT Furnace #247	0.04	0.1%	0.01	0.02	0.00	0.00
Storage Tank	1491	Tank 1491	0.04	0.1%	0.04	0.00	0.00	0.00
Storage Tank	1966	Tank 1966	0.04	0.1%	0.00	0.02	0.00	0.01
Storage Tank	1687	Tank 1687	0.04	0.1%	0.04	0.00	0.00	0.00
Boiler Heater	4169	F-731 ISOCRACKER REBOILER ISOMAX w/Ultra Low NOX Burners	0.04	0.1%	0.01	0.02	0.00	0.00
Boiler Heater	4072	#4 CRUDE UNIT F1160	0.03	0.1%	0.01	0.02	0.00	0.00
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	0.03	0.1%	0.01	0.02	0.00	0.00
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	0.03	0.1%	0.01	0.02	0.00	0.00
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	0.03	0.1%	0.01	0.02	0.00	0.00
Storage Tank	3073	Tank 3073	0.03	0.1%	0.03	0.00	0.00	0.00
Generator	7516	Emergency Diesel Stormwater Pump Engine(P-351B)	0.03	0.1%	0.03	0.00	0.00	0.00
Storage Tank	1688	Tank 1688	0.03	0.1%	0.03	0.00	0.00	0.00
Cogeneration	7545	Portable Diesel Engine	0.03	0.1%	0.03	0.00	0.00	0.00
Boiler Heater	4039	#4 RHENIFORMER, F-3560	0.03	0.1%	0.01	0.02	0.00	0.00
Boiler Heater	4038	#4 RHENIFORMER, F-3550	0.03	0.1%	0.01	0.02	0.00	0.00
Storage Tank	992	Storage Tank T-992	0.03	0.1%	0.03	0.00	0.00	0.00
Storage Tank	3071	Tank 3071	0.03	0.1%	0.03	0.00	0.00	0.00
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	0.02	0.1%	0.01	0.01	0.00	0.00
Storage Tank	1488	Tank 1488	0.02	0.1%	0.02	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	0.02	0.1%	0.01	0.01	0.00	0.00
Storage Tank	1514	Tank 1514	0.02	0.1%	0.02	0.00	0.00	0.00
Storage Tank	3139	Tank 3139	0.02	0.1%	0.00	0.01	0.00	0.01
Storage Tank	3133	Tank 3133	0.02	0.1%	0.02	0.00	0.00	0.00
Boiler Heater	4332	Hot Oil Furnace, F-1360	0.02	0.1%	0.01	0.01	0.00	0.00
Boiler Heater	4043	F560, #5 RHENIFORMER	0.02	0.1%	0.01	0.01	0.00	0.00
Storage Tank	1289	Tank 1289	0.02	0.1%	0.02	0.00	0.00	0.00
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	0.02	0.1%	0.00	0.01	0.00	0.01
Storage Tank	1636	Tank 1636	0.02	0.1%	0.00	0.01	0.00	0.01
Boiler Heater	4068	VGO DESULFURIZER F-1610	0.02	0.1%	0.01	0.01	0.00	0.00
Storage Tank	1637	Tank 1637	0.02	0.1%	0.02	0.00	0.00	0.00
Cogeneration	4350	Gas Turbine with Steam Injection	0.02	0.1%	0.02	0.00	0.00	0.00
Generator	7550	Portable Diesel Engine	0.02	0.0%	0.02	0.00	0.00	0.00
Generator	7548	Portable Diesel Engine	0.02	0.0%	0.02	0.00	0.00	0.00
Storage Tank	1843	Tank 1843	0.02	0.0%	0.00	0.01	0.00	0.00
Cogeneration	4352	Gas Turbine with Steam Injection	0.02	0.0%	0.02	0.00	0.00	0.00
Generator	7549	Portable Diesel Engine	0.02	0.0%	0.02	0.00	0.00	0.00
Storage Tank	3191	Tank 3191	0.02	0.0%	0.02	0.00	0.00	0.00
Boiler Heater	4044	#5 RHENIF F570	0.02	0.0%	0.01	0.01	0.00	0.00
Storage Tank	3134	Tank 3134	0.02	0.0%	0.02	0.00	0.00	0.00
Generator	7547	Portable Diesel Engine	0.02	0.0%	0.02	0.00	0.00	0.00
Generator	7509	Diesel Engine, Cummins model 855P310	0.02	0.0%	0.02	0.00	0.00	0.00
Generator	7512	Diesel Engine, Detroit Diesel model 70637600	0.02	0.0%	0.02	0.00	0.00	0.00
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	0.02	0.0%	0.02	0.00	0.00	0.00
Generator	7508	Diesel Engine, Cummins model 855P310	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	0.01	0.0%	0.01	0.01	0.00	0.00
Boiler Heater	4040	#4 RHENIFORMER, F-3570	0.01	0.0%	0.01	0.01	0.00	0.00
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	0.01	0.0%	0.01	0.01	0.00	0.00
Storage Tank	1459	Tank 1459	0.01	0.0%	0.01	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Storage Tank	3105	Tank 3105	0.01	0.0%	0.00	0.01	0.00	0.00
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	0.01	0.0%	0.01	0.01	0.00	0.00
Other	32131	Crude Furnace F-1100B, A-3200	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	0.01	0.0%	0.00	0.01	0.00	0.00
Generator	7538	Emergency Standby Diesel Generator Set	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	0.01	0.0%	0.00	0.01	0.00	0.00
Generator	7542	Emergency Standby Diesel Fire Pump Engine	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	0.01	0.0%	0.00	0.01	0.00	0.00
Storage Tank	3202	Tank 3202: Methanol	0.01	0.0%	0.00	0.01	0.00	0.00
Cogeneration	7544	Portable Diesel Engine	0.01	0.0%	0.01	0.00	0.00	0.00
Storage Tank	3104	Tank 3104	0.01	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	0.01	0.0%	0.00	0.01	0.00	0.00
Storage Tank	3228	Caustic Storage Tank	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	0.01	0.0%	0.00	0.01	0.00	0.00
Wastewater Treatment	32105	Fugitive Sources - Process Drains	0.01	0.0%	0.01	0.00	0.00	0.00
Storage Tank	3189	Gasoline component and Diesel Tank	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	0.01	0.0%	0.00	0.01	0.00	0.00
Catalytic Cracking	4285	FCC Plant	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	0.01	0.0%	0.00	0.01	0.00	0.00
Storage Tank	1296	Tank 1296	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	0.01	0.0%	0.00	0.01	0.00	0.00
Cooling Towers	4173	FCC COOLING TOWER 2-710	0.01	0.0%	0.01	0.00	0.00	0.00
Generator	7541	Emergency Standby Diesel Fire Pump Engine	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	0.01	0.0%	0.00	0.01	0.00	0.00
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	0.01	0.0%	0.00	0.01	0.00	0.00
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	0.01	0.0%	0.00	0.01	0.00	0.00
Storage Tank	3103	Tank 3103	0.01	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4069	VGO F1660	0.01	0.0%	0.00	0.01	0.00	0.00
Storage Tank	3106	Tank 3106	0.01	0.0%	0.00	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	0.01	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3100	Tank 3100	0.01	0.0%	0.00	0.00	0.00	0.00
Storage Tank	399	Tank 399	0.01	0.0%	0.01	0.00	0.00	0.00
Storage Tank	3102	Tank 3102	0.01	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1287	Tank 1287	0.01	0.0%	0.01	0.00	0.00	0.00
Storage Tank	3194	Storage Tank T-3194	0.01	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	0.01	0.0%	0.00	0.00	0.00	0.00
Wastewater Treatment	4413	#2a Separator	0.01	0.0%	0.01	0.00	0.00	0.00
Marine Loading	9325	Marine Terminal Berth #9	0.01	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4334	LNC Atmos Furnace, F-1200	0.01	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4337	HNC Atmos Furnace, F-1500	0.01	0.0%	0.00	0.00	0.00	0.00
Wastewater Treatment	4414	#1a Separator	0.01	0.0%	0.01	0.00	0.00	0.00
Cooling Towers	4329	RLOP Cooling Tower	0.01	0.0%	0.01	0.00	0.00	0.00
Other	4349	Furnace F-1650	0.01	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3076	Tank 3076	0.01	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3186	Gas Oil Tank	0.01	0.0%	0.00	0.00	0.00	0.00
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	0.01	0.0%	0.01	0.00	0.00	0.00
Boiler Heater	4041	F3580, #4 RHENIFORMER	0.01	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4045	#5 RHENIF F580	0.01	0.0%	0.00	0.00	0.00	0.00
Generator	7543	Emergency Standby Diesel Fire Pump Engine	0.00	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4336	HNC Reactor Furnace, F-1410	0.00	0.0%	0.00	0.00	0.00	0.00
Generator	7511	Diesel Engine, Caterpillar model 3406	0.00	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4339	LNC Reactor Furnace, F-1110	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3107	Tank 3107	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3072	Tank 3072	0.00	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4194	F-2370 Tail Gas Heater SRU #3	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6226	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3101	Tank 3101	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6227	Portable Steel Storage	0.00	0.0%	0.00	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Storage Tank	6228	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6229	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6230	Portable Steel Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6231	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6232	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6233	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6234	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6235	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6236	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6237	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6238	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	6239	Portable Steel Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1653	Tank 1653	0.00	0.0%	0.00	0.00	0.00	0.00
Generator	7501	Wharf Fire Water Pump	0.00	0.0%	0.00	0.00	0.00	0.00
Generator	7531	Diesel Engine, Detroit Diesel model 80637305, emergency standby	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3138	Tank 3138	0.00	0.0%	0.00	0.00	0.00	0.00
Wastewater Treatment	4148	#13 SEPARATOR	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1489	Tank 1489	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3110	Desalter Effluent Surge Tank A	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3111	Desalter Effluent Surge Tank B	0.00	0.0%	0.00	0.00	0.00	0.00
Other	4424	Equipment Painting Area	0.00	0.0%	0.00	0.00	0.00	0.00
Vapor Recovery/Flares	6013	North Isomax Flare V-281	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	679	Tank 679	0.00	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3201	Tank 3201: Whole Alkylate	0.00	0.0%	0.00	0.00	0.00	0.00
Cooling Towers	4172	ISOMAX COOLING TOWER -E-261	0.00	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	0.00	0.0%	0.00	0.00	0.00	0.00
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	0.00	0.0%	0.00	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Storage Tank	3128	Tank 3128	0.00	0.0%	0.00	0.00	0.00	0.00
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	0.00	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	0.00	0.0%	0.00	0.00	0.00	0.00
Wastewater Treatment	4392	Wetland Marsh	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3126	Tank 3126	0.00	0.0%	0.00	0.00	0.00	0.00
Other	9304	Non Retail Gasoline Dispensing Facility	0.00	0.0%	0.00	0.00	0.00	0.00
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	0.00	0.0%	0.00	0.00	0.00	0.00
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	0.00	0.0%	0.00	0.00	0.00	0.00
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	0.00	0.0%	0.00	0.00	0.00	0.00
Cooling Towers	4076	3 CAT COOLING TOWER E460	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3193	Gasoline component Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	0.00	0.0%	0.00	0.00	0.00	0.00
Generator	7534	Plant Protection Standby Generator	0.00	0.0%	0.00	0.00	0.00	0.00
Vapor Recovery/Flares	6016	FCC Flare V-731	0.00	0.0%	0.00	0.00	0.00	0.00
Cooling Towers	6051	Alky Cooling Tower	0.00	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	0.00	0.0%	0.00	0.00	0.00	0.00
Other	4410	General Maintenance Paint Booth	0.00	0.0%	0.00	0.00	0.00	0.00
Vapor Recovery/Flares	6039	Lube Flare, V-3501	0.00	0.0%	0.00	0.00	0.00	0.00
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3232	Tank 3232 - Propylene Tetramer Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Other	7601	Quart Line Bottles, One Gallon Jugs, Pails, Quart Case	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3127	Tank 3127	0.00	0.0%	0.00	0.00	0.00	0.00
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3198	Tank 3198: Organic Liquid Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	55	Tank 55	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	32160	Fixed Roof Tank 3219, Propane	0.00	0.0%	0.00	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Storage Tank	3196	Gasoline Component Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Cooling Towers	4191	Alkane Cooling Water Tower	0.00	0.0%	0.00	0.00	0.00	0.00
Generator	3235	Emergency Standby Diesel Pump Engine	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1506	Tank 1506	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	4374	Fixed Roof Tank,400-gallon capacity,Chemical Tote,Flocculent	0.00	0.0%	0.00	0.00	0.00	0.00
Cooling Towers	4187	FCC POLYMER COOLING TOWER E-781	0.00	0.0%	0.00	0.00	0.00	0.00
Other	6042	Sandblaster at Machine Shop	0.00	0.0%	0.00	0.00	0.00	0.00
Other	6046	Sandblaster at Machine Shop	0.00	0.0%	0.00	0.00	0.00	0.00
Other	6047	Sandblaster at Machine Shop	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1518	Tank 1518	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1428	Tank 1428	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1455	Tank 1455	0.00	0.0%	0.00	0.00	0.00	0.00
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	32155	Fixed Roof Tank 2445	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3169	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3160	Tank 3160: Organic Liquid Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3165	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3166	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3158	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3159	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3171	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3168	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3161	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	955	Tank 955	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3167	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3162	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	234	Tank 234	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3163	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Storage Tank	3164	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3172	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3142	Tank 3142	0.00	0.0%	0.00	0.00	0.00	0.00
Other	4422	Abrasive Blasting Operating at I&E Shop	0.00	0.0%	0.00	0.00	0.00	0.00
Other	32129	Thermal Oxidizer, FCC, A-627	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3170	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	25	Tank 25: Organic Liquid Storage Container	0.00	0.0%	0.00	0.00	0.00	0.00
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3157	Lube Oil Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1297	Tank 1297: Organic Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	892	Tank 892: Inorganic Chemical Storage	0.00	0.0%	0.00	0.00	0.00	0.00
Other	32128	Thermal Oxidizer, 17 Pump Station, A-624	0.00	0.0%	0.00	0.00	0.00	0.00
Other	32126	Thermal Oxidizer, Tard DIB, A-622	0.00	0.0%	0.00	0.00	0.00	0.00
Other	32125	Thermal Oxidizer, LPG Plant, A-620	0.00	0.0%	0.00	0.00	0.00	0.00
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	200	Tank 200A	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1020	Tank 1020: Inorganic Chemical Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1894	Tank 1894: Phosphoric Acid Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3146	Tank 3146: 20% Aqueous Ammonia	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3147	Tank 3147: Organic Liquid Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3148	Tank 3148: Organic Liquid Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	3226	Sulfur storage Tank (fixed roof)	0.00	0.0%	0.00	0.00	0.00	0.00
Sulfur Plant	4227	SRU #1 Train	0.00	0.0%	0.00	0.00	0.00	0.00
Sulfur Plant	4228	SRU #2 Train	0.00	0.0%	0.00	0.00	0.00	0.00
Sulfur Plant	4229	SRU #3 Train	0.00	0.0%	0.00	0.00	0.00	0.00
Other	4238	LIQUID PETROLEUM GAS LOADING RACK #4238	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	4365	Tri-Act 1825 Chemical Tote	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	4366	Tri-Act 1803 & 1825 Chemical Tote - Power Plant	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	4367	Tri-Act 1803 & 1825 Chemical Tote - RLOP	0.00	0.0%	0.00	0.00	0.00	0.00

Category	Source	Source Description	Cancer Risk	% of Total	Inhalation Risk	Soil Risk	Dermal Risk	Mother's Milk Risk
Storage Tank	4368	Tri-Act 1803 & 1825 Chemical Tote - SRU	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	4369	Tri-Act 1803 & 1825 Chemical Tote - LSFO/D&R	0.00	0.0%	0.00	0.00	0.00	0.00
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	32133	Fixed Roof Tank 200b, Diethanolamine	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	32140	Fixed Roof Tank 1021, Diethanolamine	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	32141	Fixed Roof Tank 1108, Ammonium Hydroxide	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	32152	Fixed Roof Tank 2420	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	32153	Fixed Roof Tank 2421	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	1821	Tank 1821 Fresh Sulfuric Acid Tank	0.00	0.0%	0.00	0.00	0.00	0.00
Storage Tank	2540	Tank 2540: Organic Liquid Storage Tank	0.00	0.0%	0.00	0.00	0.00	0.00

Acute Risk by Source

Location: Receptor #361 | UTME 554,560.0 | UTMN 4,199,549.0
Max HI = 1.2. The most impacted organ/system is the immune system.

Note:

1. CV = Cardiovascular, CNS = Central nervous system, IMMUN = Immune system, GILV = Gastrointestinal/ Liver, REPRO/DEVEL = Reproductive/ Developmental, RESP = Respiratory, BLOOD = Circulatory.
2. "--" denotes no health value associated with the pollutant and the targeted organ/system.
3. The following targeted organ/systems do not have any associated health value at any source and are not presented in the table below: Kidney, Skin, Bone/Teeth, Endocrine.

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
4393	BIO-REACTOR	--	8.3E-03	1.0E+00	--	1.0E+00	8.6E-03	2.8E-03	1.0E+00	1.0E+00	REPRO/DEVEL
32102	Fugitive Sources - Valves, Flanges, and Connectors	3.0E-06	5.2E-03	4.5E-02	1.9E-08	4.5E-02	1.6E-03	1.6E-03	4.5E-02	4.5E-02	REPRO/DEVEL
3226	Sulfur storage Tank (fixed roof)	--	2.1E-02	--	--	9.3E-05	--	--	--	2.1E-02	CNS
9321	Marine Terminal Berth #1	1.5E-03	1.8E-03	1.0E-02	--	2.9E-03	1.8E-04	8.0E-04	1.3E-03	1.0E-02	IMMUN
4351	Heat Recovery Steam Generator	8.9E-04	1.4E-03	7.8E-03	5.9E-07	2.6E-03	6.5E-04	7.4E-03	1.7E-03	7.8E-03	IMMUN
4353	Heat Recovery Steam Generator	8.1E-04	1.3E-03	7.1E-03	5.4E-07	2.4E-03	1.6E-03	7.7E-03	1.5E-03	7.7E-03	EYE
4471	Hydrogen Plant Train #1 Reformer	5.4E-04	8.1E-04	5.9E-03	--	9.9E-04	6.9E-03	6.8E-03	2.2E-04	6.9E-03	RESP
4227	SRU #1 Train	--	6.6E-03	--	--	--	2.1E-03	--	--	6.6E-03	CNS
32103	Fugitive Sources - Pumps & Compressor Seals	1.4E-06	2.0E-03	6.4E-03	7.2E-08	6.5E-03	2.6E-04	2.6E-04	6.4E-03	6.5E-03	REPRO/DEVEL
4472	Hydrogen Plant Train #2 Reformer Furnace	5.1E-04	7.5E-04	5.5E-03	--	9.3E-04	6.5E-03	6.4E-03	2.1E-04	6.5E-03	RESP
4129	800# STM BLR #1 #IPP	1.1E-03	1.2E-03	6.4E-03	1.7E-07	1.3E-03	1.8E-04	2.4E-03	9.6E-05	6.4E-03	IMMUN
4135	800# STM BLR #7 #1 PP	1.1E-03	1.2E-03	6.4E-03	1.7E-07	1.3E-03	1.9E-04	2.4E-03	9.6E-05	6.4E-03	IMMUN
9324	Marine Terminal Berth #4	9.3E-04	1.1E-03	6.3E-03	--	1.9E-03	1.2E-04	5.1E-04	8.3E-04	6.3E-03	IMMUN
4285	FCC Plant	2.1E-05	6.0E-03	2.6E-03	--	3.6E-05	8.3E-04	1.2E-03	4.8E-08	6.0E-03	CNS
6039	Lube Flare, V-3501	9.1E-07	5.7E-03	4.0E-05	--	1.4E-05	2.8E-07	5.5E-05	1.2E-05	5.7E-03	CNS
3146	Tank 3146: 20% Aqueous Ammonia	--	--	--	--	--	5.6E-03	5.6E-03	--	5.6E-03	RESP
4229	SRU #3 Train	--	3.1E-04	--	--	--	5.4E-03	--	--	5.4E-03	RESP

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
4424	Equipment Painting Area	--	2.6E-04	9.9E-07	--	--	4.9E-03	2.9E-04	--	4.9E-03	RESP
1821	Tank 1821 Fresh Sulfuric Acid Tank	--	--	--	--	--	4.4E-03	--	--	4.4E-03	RESP
4133	800# STEAM BLR #5 #1PP	7.6E-04	8.1E-04	4.2E-03	1.2E-07	8.4E-04	1.2E-04	1.6E-03	6.4E-05	4.2E-03	IMMUN
4132	800# STM BLR #4 #1 PP	6.9E-04	7.4E-04	3.9E-03	1.1E-07	7.7E-04	1.1E-04	1.5E-03	5.8E-05	3.9E-03	IMMUN
4350	Gas Turbine with Steam Injection	2.4E-05	1.1E-03	3.8E-03	--	1.2E-03	5.3E-04	8.4E-04	4.5E-04	3.8E-03	IMMUN
4131	800# STM BLR #3 #1PP	6.2E-04	6.5E-04	3.4E-03	9.3E-08	6.8E-04	1.0E-04	1.3E-03	5.2E-05	3.4E-03	IMMUN
4352	Gas Turbine with Steam Injection	2.1E-05	9.5E-04	3.4E-03	--	1.1E-03	4.8E-04	7.6E-04	4.1E-04	3.4E-03	IMMUN
4071	#4 CRUDE UNIT F1100B	4.7E-04	7.4E-04	3.0E-03	--	7.1E-04	1.0E-03	1.1E-03	2.0E-04	3.0E-03	IMMUN
4392	Wetland Marsh	--	4.3E-05	2.9E-03	--	2.9E-03	8.6E-05	4.6E-05	2.9E-03	2.9E-03	REPRO/DEVEL
4070	#4 CRUDE UNIT F 1100A	4.6E-04	7.1E-04	2.9E-03	--	6.9E-04	1.0E-03	1.0E-03	1.9E-04	2.9E-03	IMMUN
4155	F-135 Hot Oil Furnace	4.5E-04	7.0E-04	2.8E-03	--	6.8E-04	9.8E-04	1.0E-03	1.9E-04	2.8E-03	IMMUN
3180	Tank 3180	1.2E-07	3.5E-04	2.5E-03	--	2.5E-03	2.0E-04	2.0E-04	2.5E-03	2.5E-03	REPRO/DEVEL
4072	#4 CRUDE UNIT F1160	3.9E-04	6.0E-04	2.5E-03	--	5.9E-04	8.6E-04	8.8E-04	1.6E-04	2.5E-03	IMMUN
1637	Tank 1637	1.2E-07	2.9E-04	2.1E-03	--	2.1E-03	1.7E-04	1.7E-04	2.1E-03	2.1E-03	REPRO/DEVEL
1491	Tank 1491	1.3E-08	3.5E-05	2.0E-03	--	2.0E-03	2.3E-05	2.3E-05	2.0E-03	2.0E-03	REPRO/DEVEL
4060	#1 JHT Furnace #210A&B	3.0E-04	4.8E-04	1.9E-03	--	4.6E-04	6.7E-04	6.9E-04	1.3E-04	1.9E-03	IMMUN
1687	Tank 1687	1.1E-07	2.6E-04	1.9E-03	--	1.9E-03	1.6E-04	1.6E-04	1.9E-03	1.9E-03	REPRO/DEVEL
9322	Marine Terminal Berth #2	2.7E-04	3.2E-04	1.9E-03	--	5.4E-04	3.4E-05	1.5E-04	2.4E-04	1.9E-03	IMMUN
9323	Marine Terminal Berth #3	2.6E-04	3.0E-04	1.7E-03	--	5.1E-04	3.2E-05	1.4E-04	2.3E-04	1.7E-03	IMMUN
3071	Tank 3071	1.6E-08	4.6E-06	1.7E-03	--	1.7E-03	4.6E-06	4.6E-06	1.7E-03	1.7E-03	IMMUN
4169	F-731 ISOCRACKER REBOILER ISOMAX w/Ultra Low NOX Burners	2.7E-04	4.2E-04	1.7E-03	--	4.1E-04	5.9E-04	6.1E-04	1.1E-04	1.7E-03	IMMUN
6013	North Isomax Flare V-281	3.8E-06	1.7E-03	1.7E-04	--	5.5E-05	1.2E-06	2.2E-04	4.9E-05	1.7E-03	CNS
4059	#1 JHT Furnace #247	2.6E-04	4.1E-04	1.7E-03	--	4.0E-04	5.8E-04	5.9E-04	1.1E-04	1.7E-03	IMMUN
4073	LSFO COOLING TOWER	--	2.2E-04	1.4E-03	--	1.7E-03	2.3E-04	1.5E-05	1.4E-03	1.7E-03	REPRO/DEVEL
4039	#4 RHENIFORMER, F-3560	2.5E-04	3.9E-04	1.6E-03	--	3.8E-04	5.6E-04	5.7E-04	1.1E-04	1.6E-03	IMMUN
6010	HIGH LEVEL FLARE,LSFO	3.9E-06	1.6E-03	1.7E-04	--	5.7E-05	1.2E-06	2.3E-04	5.0E-05	1.6E-03	CNS
32131	Crude Furnace F-1100B, A-3200	--	--	1.5E-03	--	1.5E-03	--	--	1.5E-03	1.5E-03	IMMUN
4038	#4 RHENIFORMER, F-3550	2.4E-04	3.8E-04	1.5E-03	--	3.6E-04	5.3E-04	5.4E-04	1.0E-04	1.5E-03	IMMUN
4061	#5 NAPH HYDROTREATER F410	2.4E-04	3.8E-04	1.5E-03	--	3.6E-04	5.3E-04	5.4E-04	1.0E-04	1.5E-03	IMMUN
3073	Tank 3073	--	4.0E-06	1.5E-03	--	1.5E-03	4.0E-06	4.0E-06	1.5E-03	1.5E-03	IMMUN

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
1688	Tank 1688	8.6E-08	2.0E-04	1.5E-03	--	1.5E-03	1.2E-04	1.2E-04	1.5E-03	1.5E-03	REPRO/DEVEL
4062	#5 NAPH HYDROTREATER F447	2.3E-04	3.7E-04	1.5E-03	--	3.6E-04	5.2E-04	5.3E-04	9.9E-05	1.5E-03	IMMUN
399	Tank 399	--	1.4E-03	7.5E-05	--	8.2E-05	5.0E-06	5.0E-06	7.5E-05	1.4E-03	CNS
4168	F-730 ISOCRACKER SPLITTER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	2.1E-04	3.3E-04	1.3E-03	--	3.2E-04	4.7E-04	4.8E-04	8.9E-05	1.3E-03	IMMUN
990	Tank 990	7.0E-08	1.7E-04	1.2E-03	--	1.2E-03	9.9E-05	9.9E-05	1.2E-03	1.2E-03	REPRO/DEVEL
4068	VGO DESULFURIZER F-1610	1.9E-04	2.9E-04	1.2E-03	--	2.9E-04	4.2E-04	4.3E-04	7.9E-05	1.2E-03	IMMUN
991	Tank 991	6.9E-08	1.6E-04	1.2E-03	--	1.2E-03	9.7E-05	9.7E-05	1.2E-03	1.2E-03	REPRO/DEVEL
4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	1.5E-04	2.4E-04	9.8E-04	--	2.3E-04	3.4E-04	3.5E-04	6.5E-05	9.8E-04	IMMUN
4167	F-710 TKC FRACTIONATOR ISOMAX	1.5E-04	2.3E-04	9.2E-04	--	2.2E-04	3.2E-04	3.3E-04	6.1E-05	9.2E-04	IMMUN
3133	Tank 3133	5.2E-08	1.2E-04	9.1E-04	--	9.1E-04	7.3E-05	7.3E-05	9.1E-04	9.1E-04	REPRO/DEVEL
4043	F560, #5 RHENIFORMER	1.4E-04	2.2E-04	8.8E-04	--	2.1E-04	3.1E-04	3.1E-04	5.8E-05	8.8E-04	IMMUN
992	Storage Tank T-992	5.0E-08	1.2E-04	8.7E-04	--	8.7E-04	7.1E-05	7.1E-05	8.7E-04	8.7E-04	REPRO/DEVEL
1514	Tank 1514	4.9E-08	1.2E-04	8.5E-04	--	8.5E-04	6.9E-05	6.9E-05	8.5E-04	8.5E-04	REPRO/DEVEL
4040	#4 RHENIFORMER, F-3570	1.3E-04	2.1E-04	8.5E-04	--	2.0E-04	3.0E-04	3.0E-04	5.6E-05	8.5E-04	IMMUN
4332	Hot Oil Furnace, F-1360	1.3E-04	2.0E-04	8.1E-04	--	1.9E-04	2.8E-04	2.9E-04	5.4E-05	8.1E-04	IMMUN
1488	Tank 1488	4.2E-08	1.0E-04	7.3E-04	--	7.3E-04	5.9E-05	5.9E-05	7.3E-04	7.3E-04	REPRO/DEVEL
4414	#1a Separator	--	4.9E-06	7.3E-04	--	7.3E-04	4.9E-06	2.3E-06	7.3E-04	7.3E-04	REPRO/DEVEL
4044	#5 RHENIF F570	1.1E-04	1.8E-04	7.2E-04	--	1.7E-04	2.5E-04	2.6E-04	4.8E-05	7.2E-04	IMMUN
3134	Tank 3134	4.0E-08	9.4E-05	6.9E-04	--	6.9E-04	5.6E-05	5.6E-05	6.9E-04	6.9E-04	REPRO/DEVEL
3189	Gasoline component and Diesel Tank	3.9E-08	9.2E-05	6.7E-04	--	6.7E-04	5.5E-05	5.5E-05	6.7E-04	6.7E-04	REPRO/DEVEL
32105	Fugitive Sources - Process Drains	2.1E-07	6.7E-04	1.5E-04	--	1.6E-04	2.9E-06	2.9E-06	1.5E-04	6.7E-04	CNS
9304	Non Retail Gasoline Dispensing Facility	--	8.1E-06	6.7E-04	--	6.7E-04	8.1E-06	8.1E-06	6.7E-04	6.7E-04	IMMUN
4148	#13 SEPARATOR	--	4.3E-06	6.1E-04	--	6.1E-04	4.3E-06	2.2E-06	6.1E-04	6.1E-04	REPRO/DEVEL
1459	Tank 1459	3.3E-08	7.9E-05	5.8E-04	--	5.8E-04	4.7E-05	4.7E-05	5.8E-04	5.8E-04	REPRO/DEVEL
4159	F410 TKC FEED FURNACE TKC ISOMAX	8.6E-05	1.3E-04	5.4E-04	--	1.3E-04	1.9E-04	1.9E-04	3.6E-05	5.4E-04	IMMUN

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
4166	F-610 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	8.6E-05	1.3E-04	5.4E-04	--	1.3E-04	1.9E-04	1.9E-04	3.6E-05	5.4E-04	IMMUN
32141	Fixed Roof Tank 1108, Ammonium Hydroxide	--	--	--	--	--	5.3E-04	5.3E-04	--	5.3E-04	RESP
1289	Tank 1289	3.0E-08	7.2E-05	5.2E-04	--	5.3E-04	4.3E-05	4.3E-05	5.2E-04	5.3E-04	REPRO/DEVEL
4165	F620 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	8.1E-05	1.3E-04	5.1E-04	--	1.2E-04	1.8E-04	1.8E-04	3.4E-05	5.1E-04	IMMUN
4069	VGO F1660	7.7E-05	1.2E-04	4.9E-04	--	1.2E-04	1.7E-04	1.7E-04	3.2E-05	4.9E-04	IMMUN
4160	F420 TKC FEED FURNACE TKC ISOMAX	7.2E-05	1.1E-04	4.6E-04	--	1.1E-04	1.6E-04	1.6E-04	3.0E-05	4.6E-04	IMMUN
4164	F-630 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	7.0E-05	1.1E-04	4.5E-04	--	1.1E-04	1.6E-04	1.6E-04	3.0E-05	4.5E-04	IMMUN
4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	6.9E-05	1.1E-04	4.4E-04	--	1.0E-04	1.5E-04	1.6E-04	2.9E-05	4.4E-04	IMMUN
3220	Tank 400: Organic Liquid Storage Tank	3.1E-07	4.3E-04	8.2E-05	--	8.6E-05	1.5E-05	1.5E-05	8.2E-05	4.3E-04	CNS
4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	6.8E-05	1.1E-04	4.3E-04	--	1.0E-04	1.5E-04	1.5E-04	2.9E-05	4.3E-04	IMMUN
1296	Tank 1296	2.4E-08	5.8E-05	4.2E-04	--	4.2E-04	3.4E-05	3.4E-05	4.2E-04	4.2E-04	REPRO/DEVEL
4228	SRU #2 Train	--	4.2E-04	--	--	--	1.5E-04	--	--	4.2E-04	CNS
3228	Caustic Storage Tank	2.3E-08	5.6E-05	4.1E-04	--	4.1E-04	3.3E-05	3.3E-05	4.1E-04	4.1E-04	REPRO/DEVEL
4163	F-530 TKN Feed Furnace/Low NOx Burners	6.3E-05	9.9E-05	4.0E-04	--	9.6E-05	1.4E-04	1.4E-04	2.7E-05	4.0E-04	IMMUN
3197	Gasoline Component Tank	1.8E-07	3.6E-06	3.8E-04	--	3.9E-04	2.7E-06	2.7E-06	3.8E-04	3.9E-04	REPRO/DEVEL
4161	F-510 TKN Feed Furnace/Low NOx Burners	6.1E-05	9.5E-05	3.8E-04	--	9.2E-05	1.3E-04	1.4E-04	2.5E-05	3.8E-04	IMMUN
4162	F-520 TKN Furnace/Low-NOx Burners	5.9E-05	9.2E-05	3.7E-04	--	9.0E-05	1.3E-04	1.3E-04	2.5E-05	3.7E-04	IMMUN
4189	F-661 Polymer Furnace/Low NOx Burners	5.9E-05	9.1E-05	3.7E-04	--	8.9E-05	9.4E-05	9.7E-05	2.5E-05	3.7E-04	IMMUN
1504	Tank 1504	2.6E-07	3.6E-04	6.9E-05	--	7.2E-05	1.2E-05	1.2E-05	6.9E-05	3.6E-04	CNS
1287	Tank 1287	1.3E-07	9.8E-06	3.6E-04	--	3.6E-04	9.9E-06	9.9E-06	3.6E-04	3.6E-04	REPRO/DEVEL

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
4188	F-651 Polymer Furnace/Low NOx Burners	5.6E-05	8.7E-05	3.5E-04	--	8.5E-05	1.2E-04	1.3E-04	2.4E-05	3.5E-04	IMMUN
4410	General Maintenance Paint Booth	--	4.8E-05	--	--	--	3.5E-04	6.1E-05	--	3.5E-04	RESP
4335	LNC Vacuum Furnace, F-1250	5.4E-05	8.5E-05	3.4E-04	--	8.2E-05	1.2E-04	1.2E-04	2.3E-05	3.4E-04	IMMUN
4333	TKC Vacuum Furnace, F-1750	5.2E-05	8.1E-05	3.3E-04	--	7.9E-05	1.1E-04	1.2E-04	2.2E-05	3.3E-04	IMMUN
4338	HNC Vacuum Furnace, F-1550	5.0E-05	7.8E-05	3.2E-04	--	7.6E-05	1.1E-04	1.1E-04	2.1E-05	3.2E-04	IMMUN
4041	F3580, #4 RHENIFORMER	5.0E-05	7.8E-05	3.2E-04	--	7.6E-05	1.1E-04	1.1E-04	2.1E-05	3.2E-04	IMMUN
4413	#2a Separator	--	2.2E-06	3.1E-04	--	3.1E-04	2.2E-06	1.1E-06	3.1E-04	3.1E-04	REPRO/DEVEL
3214	Tank 3214: Organic Liquid Storage Tank	1.8E-08	4.2E-05	3.0E-04	--	3.0E-04	2.5E-05	2.5E-05	3.0E-04	3.0E-04	REPRO/DEVEL
3191	Tank 3191	1.7E-08	4.0E-05	3.0E-04	--	3.0E-04	2.4E-05	2.4E-05	3.0E-04	3.0E-04	REPRO/DEVEL
6021	Hydrogen Plant Flare	4.6E-06	7.4E-06	2.0E-04	--	6.5E-05	1.1E-06	2.6E-04	5.8E-05	2.6E-04	EYE
32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	1.4E-08	3.4E-05	2.5E-04	--	2.5E-04	2.0E-05	2.0E-05	2.5E-04	2.5E-04	REPRO/DEVEL
4337	HNC Atmos Furnace, F-1500	3.9E-05	6.0E-05	2.5E-04	--	5.9E-05	8.5E-05	8.7E-05	1.6E-05	2.5E-04	IMMUN
4331	LNHF Reactor Furnace, F-1310	3.8E-05	5.9E-05	2.4E-04	--	5.7E-05	8.3E-05	8.5E-05	1.6E-05	2.4E-04	IMMUN
4334	LNC Atmos Furnace, F-1200	3.6E-05	5.6E-05	2.3E-04	--	5.5E-05	8.0E-05	8.1E-05	1.5E-05	2.3E-04	IMMUN
3105	Tank 3105	9.2E-08	6.4E-05	2.2E-04	--	2.2E-04	4.2E-06	4.2E-06	2.2E-04	2.2E-04	REPRO/DEVEL
32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	6.7E-09	2.2E-04	1.3E-04	--	1.3E-04	9.5E-06	9.5E-06	1.3E-04	2.2E-04	CNS
4194	F-2370 Tail Gas Heater SRU #3	2.0E-05	2.9E-05	2.2E-04	--	3.5E-05	2.4E-05	1.0E-04	5.9E-06	2.2E-04	IMMUN
32104	Fugitive Sources - Pressure Relief Valves	8.2E-08	1.1E-04	2.1E-04	2.3E-09	2.1E-04	3.2E-05	3.2E-05	2.1E-04	2.1E-04	REPRO/DEVEL
4045	#5 RHENIF F580	3.3E-05	5.2E-05	2.1E-04	--	5.0E-05	7.3E-05	7.5E-05	1.4E-05	2.1E-04	IMMUN
4349	Furnace F-1650	3.2E-05	5.0E-05	2.0E-04	--	4.9E-05	3.1E-05	3.3E-05	1.3E-05	2.0E-04	IMMUN
4336	HNC Reactor Furnace, F-1410	3.1E-05	4.8E-05	1.9E-04	--	4.6E-05	6.7E-05	6.9E-05	1.3E-05	1.9E-04	IMMUN
32158	Fixed Roof Tank 3217, Diesel	2.5E-07	1.9E-04	3.5E-05	--	4.5E-05	2.5E-06	2.5E-06	3.5E-05	1.9E-04	CNS
4172	ISOMAX COOLING TOWER -E-261	--	1.8E-04	--	--	1.8E-04	1.9E-04	1.5E-05	--	1.9E-04	RESP
3195	T-3195 Waxy Heavy Neutral Storage Tank	2.4E-07	1.8E-04	3.4E-05	--	4.3E-05	2.4E-06	2.4E-06	3.4E-05	1.8E-04	CNS
4339	LNC Reactor Furnace, F-1110	2.8E-05	4.4E-05	1.8E-04	--	4.3E-05	6.2E-05	6.4E-05	1.2E-05	1.8E-04	IMMUN
9325	Marine Terminal Berth #9	2.6E-05	3.1E-05	1.8E-04	--	5.2E-05	3.3E-06	1.4E-05	2.3E-05	1.8E-04	IMMUN
4076	3 CAT COOLING TOWER E460	--	1.6E-04	--	--	1.6E-04	1.7E-04	7.5E-06	--	1.7E-04	RESP

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	1.1E-07	1.5E-04	2.8E-05	--	3.0E-05	5.1E-06	5.1E-06	2.8E-05	1.5E-04	CNS
3111	Desalter Effluent Surge Tank B	1.1E-07	1.5E-04	2.8E-05	--	2.9E-05	5.1E-06	5.1E-06	2.8E-05	1.5E-04	CNS
3110	Desalter Effluent Surge Tank A	1.1E-07	1.5E-04	2.8E-05	--	2.9E-05	5.0E-06	5.0E-06	2.8E-05	1.5E-04	CNS
3106	Tank 3106	6.0E-08	4.1E-05	1.4E-04	--	1.4E-04	2.7E-06	2.7E-06	1.4E-04	1.4E-04	REPRO/DEVEL
3072	Tank 3072	6.6E-09	1.9E-05	1.4E-04	--	1.4E-04	1.1E-05	1.1E-05	1.4E-04	1.4E-04	REPRO/DEVEL
1843	Tank 1843	6.3E-08	1.3E-06	1.4E-04	--	1.4E-04	9.4E-07	9.4E-07	1.4E-04	1.4E-04	REPRO/DEVEL
3104	Tank 3104	5.5E-08	3.8E-05	1.3E-04	--	1.3E-04	2.5E-06	2.5E-06	1.3E-04	1.3E-04	REPRO/DEVEL
4173	FCC COOLING TOWER 2-710	--	1.3E-04	--	--	1.3E-04	1.3E-04	1.3E-07	--	1.3E-04	CNS
3107	Tank 3107	5.1E-08	3.5E-05	1.2E-04	--	1.2E-04	2.3E-06	2.3E-06	1.2E-04	1.2E-04	REPRO/DEVEL
32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	--	3.7E-06	1.1E-04	--	1.1E-04	3.5E-07	3.5E-07	1.1E-04	1.1E-04	REPRO/DEVEL
3225	Organic Liquid Storage Tank	7.7E-08	1.1E-04	2.0E-05	--	2.1E-05	3.7E-06	3.7E-06	2.0E-05	1.1E-04	CNS
32164	Fixed Roof Tank 3227	1.4E-07	1.0E-04	1.9E-05	--	2.4E-05	1.4E-06	1.4E-06	1.9E-05	1.0E-04	CNS
6042	Sandblaster at Machine Shop	--	--	1.0E-04	--	--	--	--	--	1.0E-04	IMMUN
6046	Sandblaster at Machine Shop	--	--	1.0E-04	--	--	--	--	--	1.0E-04	IMMUN
6047	Sandblaster at Machine Shop	--	--	1.0E-04	--	--	--	--	--	1.0E-04	IMMUN
6226	Portable Steel Storage Container	6.7E-08	9.4E-05	1.8E-05	--	1.9E-05	3.2E-06	3.2E-06	1.8E-05	9.4E-05	CNS
6016	FCC Flare V-731	1.5E-06	5.5E-06	6.8E-05	--	2.3E-05	4.7E-07	9.1E-05	2.0E-05	9.1E-05	EYE
6227	Portable Steel Storage	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6228	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6229	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6230	Portable Steel Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6231	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6232	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6233	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6234	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6235	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6236	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6237	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
6238	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
6239	Portable Steel Storage Container	6.4E-08	9.0E-05	1.7E-05	--	1.8E-05	3.1E-06	3.1E-06	1.7E-05	9.0E-05	CNS
3202	Tank 3202: Methanol	3.8E-08	7.7E-07	8.2E-05	--	8.2E-05	5.7E-07	5.7E-07	8.2E-05	8.2E-05	REPRO/DEVEL
3215	Tank 3215: Organic Liquid Storage Tank	1.0E-07	7.6E-05	1.4E-05	--	1.8E-05	1.0E-06	1.0E-06	1.4E-05	7.6E-05	CNS
1489	Tank 1489	2.7E-08	9.4E-08	7.6E-05	--	7.6E-05	1.2E-07	1.2E-07	7.6E-05	7.6E-05	REPRO/DEVEL
6051	Alky Cooling Tower	--	7.3E-05	--	--	7.3E-05	7.3E-05	--	--	7.3E-05	CNS
55	Tank 55	--	2.3E-06	7.1E-05	--	7.1E-05	2.2E-07	2.2E-07	7.1E-05	7.1E-05	REPRO/DEVEL
4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	--	1.0E-05	6.3E-05	--	6.3E-05	4.8E-05	4.8E-05	6.3E-05	6.3E-05	IMMUN
3103	Tank 3103	2.6E-08	1.8E-05	6.1E-05	1.8E-11	6.1E-05	1.2E-06	1.2E-06	6.1E-05	6.1E-05	REPRO/DEVEL
3100	Tank 3100	2.3E-08	1.6E-05	5.6E-05	--	5.6E-05	1.1E-06	1.1E-06	5.6E-05	5.6E-05	REPRO/DEVEL
397	Tank 397	7.0E-08	5.3E-05	9.7E-06	--	1.2E-05	6.9E-07	6.9E-07	9.7E-06	5.3E-05	CNS
4437	Stack Gas Heater SRU #2, F-2270	4.7E-06	6.8E-06	5.1E-05	--	8.2E-06	5.6E-06	2.5E-05	1.4E-06	5.1E-05	IMMUN
3201	Tank 3201: Whole Alkylate	1.7E-08	5.9E-08	4.7E-05	--	4.8E-05	7.7E-08	7.7E-08	4.7E-05	4.8E-05	REPRO/DEVEL
6019	V-732, Alky-Poly Flare	6.9E-07	4.6E-05	3.1E-05	--	1.1E-05	2.1E-07	4.3E-05	9.6E-06	4.6E-05	CNS
3198	Tank 3198: Organic Liquid Storage Tank	--	4.5E-05	6.0E-06	--	6.0E-06	4.5E-05	4.5E-05	6.0E-06	4.5E-05	CNS
32161	Fixed Roof Tank 3222, Residual Oil	4.3E-08	4.3E-05	2.6E-05	1.9E-09	2.7E-05	5.0E-06	5.0E-06	2.6E-05	4.3E-05	CNS
4436	Stack Gas Heater SRU #1, F-2170	3.9E-06	5.6E-06	4.2E-05	--	6.7E-06	4.6E-06	2.0E-05	1.1E-06	4.2E-05	IMMUN
3186	Gas Oil Tank	1.9E-08	3.9E-07	4.1E-05	--	4.1E-05	2.9E-07	2.9E-07	4.1E-05	4.1E-05	REPRO/DEVEL
3193	Gasoline component Tank	1.3E-08	9.7E-07	3.5E-05	--	3.5E-05	9.8E-07	9.8E-07	3.5E-05	3.5E-05	REPRO/DEVEL
1635	Tank 1635 Organic Liquid Storage Tank	--	4.8E-06	3.2E-05	--	3.2E-05	4.9E-06	4.9E-06	3.2E-05	3.2E-05	IMMUN
3101	Tank 3101	1.3E-08	9.1E-06	3.2E-05	--	3.2E-05	6.1E-07	6.1E-07	3.2E-05	3.2E-05	REPRO/DEVEL
3138	Tank 3138	1.2E-08	2.4E-07	2.5E-05	--	2.5E-05	1.8E-07	1.8E-07	2.5E-05	2.5E-05	REPRO/DEVEL
679	Tank 679	--	2.4E-05	5.8E-06	--	5.8E-06	3.2E-06	3.2E-06	5.8E-06	2.4E-05	CNS
4191	Alkane Cooling Water Tower	--	2.0E-05	--	--	2.0E-05	2.0E-05	--	--	2.0E-05	CNS
1636	Tank 1636	2.6E-08	1.9E-05	3.5E-06	--	4.5E-06	2.5E-07	2.5E-07	3.5E-06	1.9E-05	CNS
32112	Fugitives -LPG Racks - Pumps & Compressor Seals	--	9.8E-08	1.8E-05	--	1.9E-05	6.8E-08	6.8E-08	1.8E-05	1.9E-05	REPRO/DEVEL
4330	HNHF Reactor Furnace, F-1610	1.2E-05	1.4E-05	7.1E-06	--	1.8E-05	3.9E-06	1.2E-05	6.4E-06	1.8E-05	REPRO/DEVEL
4237	NO. 5 RHENIFORMER, 23,000 BPD	--	2.3E-06	1.8E-05	--	1.8E-05	1.3E-05	1.3E-05	1.8E-05	1.8E-05	IMMUN
1653	Tank 1653	--	1.6E-05	3.9E-06	--	4.0E-06	2.2E-06	2.2E-06	3.9E-06	1.6E-05	CNS

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	2.3E-08	1.5E-06	1.1E-05	--	1.3E-05	4.7E-06	4.7E-06	1.1E-05	1.3E-05	REPRO/DEVEL
1493	Tank 1493	1.6E-08	1.2E-05	2.2E-06	--	2.8E-06	1.5E-07	1.5E-07	2.2E-06	1.2E-05	CNS
3126	Tank 3126	8.2E-09	1.2E-05	2.2E-06	--	2.3E-06	3.9E-07	3.9E-07	2.2E-06	1.2E-05	CNS
3076	Tank 3076	5.1E-09	1.0E-07	1.1E-05	--	1.1E-05	7.7E-08	7.7E-08	1.1E-05	1.1E-05	REPRO/DEVEL
1506	Tank 1506	--	7.7E-07	1.0E-05	--	1.0E-05	4.3E-07	4.3E-07	1.0E-05	1.0E-05	IMMUN
1798	Tank 1798	--	1.3E-06	8.9E-06	--	8.9E-06	1.3E-06	1.3E-06	8.9E-06	8.9E-06	IMMUN
32165	Fixed Roof Tank 3233, Distillate Oil	1.2E-08	8.7E-06	1.6E-06	--	2.1E-06	1.1E-07	1.1E-07	1.6E-06	8.7E-06	CNS
1799	Tank 1799	--	1.2E-06	8.3E-06	--	8.3E-06	1.2E-06	1.2E-06	8.3E-06	8.3E-06	IMMUN
6012	V-282 SOUTH ISOMAX FLARE	1.1E-07	1.8E-07	5.2E-06	--	2.0E-06	3.9E-08	7.9E-06	1.9E-06	7.9E-06	EYE
984	Tank 984	1.0E-08	7.7E-06	1.4E-06	--	1.8E-06	1.0E-07	1.0E-07	1.4E-06	7.7E-06	CNS
1428	Tank 1428	--	5.7E-07	7.4E-06	--	7.4E-06	3.2E-07	3.2E-07	7.4E-06	7.4E-06	IMMUN
4187	FCC POLYMER COOLING TOWER E-781	--	7.3E-06	--	--	7.3E-06	7.3E-06	7.5E-09	--	7.3E-06	RESP
4422	Abrasive Blasting Operating at I&E Shop	--	--	6.5E-06	--	--	--	--	--	6.5E-06	IMMUN
1492	Tank 1492	8.1E-09	6.1E-06	1.1E-06	--	1.4E-06	8.0E-08	8.0E-08	1.1E-06	6.1E-06	CNS
3185	Tank 3185 (previously T-982)	--	7.8E-07	5.2E-06	--	5.2E-06	7.8E-07	7.8E-07	5.2E-06	5.2E-06	IMMUN
7601	Quart Line Bottles, One Gallon Jugs, Pails, Quart Case	--	--	--	--	--	4.7E-06	4.7E-06	--	4.7E-06	RESP
3128	Tank 3128	3.1E-09	4.3E-06	8.2E-07	--	8.5E-07	1.5E-07	1.5E-07	8.2E-07	4.3E-06	CNS
1455	Tank 1455	1.6E-11	3.8E-06	2.6E-08	9.2E-11	2.9E-08	6.1E-07	6.1E-07	2.6E-08	3.8E-06	CNS
3129	Tank 3129	--	4.9E-07	3.3E-06	--	3.3E-06	4.9E-07	4.9E-07	3.3E-06	3.3E-06	IMMUN
3190	Tank 3190	--	4.8E-07	3.2E-06	--	3.2E-06	4.8E-07	4.8E-07	3.2E-06	3.2E-06	IMMUN
32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	4.6E-09	3.0E-07	2.3E-06	--	2.6E-06	9.7E-07	9.7E-07	2.3E-06	2.6E-06	REPRO/DEVEL
3074	Tank 3074	4.2E-09	2.5E-06	1.5E-06	3.1E-10	1.6E-06	1.5E-07	1.5E-07	1.5E-06	2.5E-06	CNS
32155	Fixed Roof Tank 2445	8.6E-12	2.1E-06	1.4E-08	4.9E-11	1.5E-08	3.3E-07	3.3E-07	1.4E-08	2.1E-06	CNS
3132	Tank 3132	3.4E-09	2.0E-06	1.2E-06	2.5E-10	1.3E-06	1.2E-07	1.2E-07	1.2E-06	2.0E-06	CNS
3182	Tank 3182: Organic Liquid Storage Tank	1.1E-09	1.7E-06	3.5E-09	--	4.8E-09	2.1E-07	2.1E-07	3.5E-09	1.7E-06	CNS
1292	Tank 1292	2.3E-10	4.2E-07	1.7E-06	--	1.7E-06	2.5E-07	2.5E-07	1.7E-06	1.7E-06	REPRO/DEVEL
3127	Tank 3127	1.0E-09	1.5E-06	2.7E-07	--	2.9E-07	5.0E-08	5.0E-08	2.7E-07	1.5E-06	CNS

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
1899	Tank 1899	2.4E-09	1.4E-06	8.3E-07	1.8E-10	8.9E-07	8.6E-08	8.6E-08	8.3E-07	1.4E-06	CNS
3213	Tank 3213: Organic Liquid Storage Tank	1.8E-09	1.3E-06	2.4E-07	--	3.1E-07	1.7E-08	1.7E-08	2.4E-07	1.3E-06	CNS
32101	Fugitive Sources - Process Vessel Depressurization	2.7E-12	6.7E-08	1.3E-06	--	1.3E-06	5.6E-08	5.6E-08	1.3E-06	1.3E-06	REPRO/DEVEL
1966	Tank 1966	1.7E-09	1.3E-06	2.4E-07	--	3.1E-07	1.7E-08	1.7E-08	2.4E-07	1.3E-06	CNS
234	Tank 234	--	9.6E-08	1.2E-06	--	1.2E-06	5.3E-08	5.3E-08	1.2E-06	1.2E-06	IMMUN
3196	Gasoline Component Tank	6.0E-10	8.5E-07	2.1E-07	--	2.2E-07	3.1E-08	3.1E-08	2.1E-07	8.5E-07	CNS
3139	Tank 3139	--	2.8E-07	8.1E-07	--	8.1E-07	2.9E-07	2.9E-07	8.1E-07	8.1E-07	IMMUN
1518	Tank 1518	--	6.5E-07	1.6E-07	--	1.6E-07	8.5E-08	8.5E-08	1.6E-07	6.5E-07	CNS
32129	Thermal Oxidizer, FCC, A-627	--	6.2E-09	5.6E-07	--	5.6E-07	6.5E-09	6.5E-09	5.6E-07	5.6E-07	IMMUN
3142	Tank 3142	2.3E-12	5.5E-07	3.7E-09	1.3E-11	4.0E-09	8.7E-08	8.7E-08	3.7E-09	5.5E-07	CNS
32130	Thermal Oxidizer, Alkyl Plant, A-628	1.8E-11	1.7E-09	8.7E-08	--	8.7E-08	8.2E-09	8.2E-09	8.7E-08	8.7E-08	REPRO/DEVEL
3170	Lube Oil Tank	--	6.5E-09	8.4E-08	--	8.4E-08	3.6E-09	3.6E-09	8.4E-08	8.4E-08	IMMUN
4329	RLOP Cooling Tower	--	5.6E-08	--	--	--	5.6E-08	5.6E-08	--	5.6E-08	CNS
32127	Thermal Oxidizer, 21 Pump Station, A-623	1.8E-12	3.7E-09	5.5E-08	--	5.5E-08	3.7E-09	3.7E-09	5.5E-08	5.5E-08	REPRO/DEVEL
3194	Storage Tank T-3194	--	2.6E-09	4.8E-08	--	4.8E-08	2.6E-09	2.6E-09	4.8E-08	4.8E-08	IMMUN
3216	Tank 3216: Organic Liquid Storage Tank	--	--	4.4E-08	--	4.4E-08	--	--	4.4E-08	4.4E-08	IMMUN
32159	Fixed Roof Tank 3218, Distillate Oil	--	--	3.6E-08	--	3.6E-08	--	--	3.6E-08	3.6E-08	IMMUN
32128	Thermal Oxidizer, 17 Pump Station, A-624	--	1.3E-10	3.4E-08	--	3.4E-08	1.3E-10	1.3E-10	3.4E-08	3.4E-08	IMMUN
3102	Tank 3102	--	1.7E-09	3.1E-08	--	3.1E-08	1.7E-09	1.7E-09	3.1E-08	3.1E-08	IMMUN
1297	Tank 1297: Organic Storage Tank	7.9E-14	1.9E-08	1.3E-10	4.5E-13	1.4E-10	3.0E-09	3.0E-09	1.3E-10	1.9E-08	CNS
892	Tank 892: Inorganic Chemical Storage	5.8E-14	1.4E-08	9.4E-11	3.3E-13	1.0E-10	2.2E-09	2.2E-09	9.4E-11	1.4E-08	CNS
32125	Thermal Oxidizer, LPG Plant, A-620	--	1.5E-10	2.8E-09	--	2.8E-09	1.5E-10	1.5E-10	2.8E-09	2.8E-09	IMMUN
32126	Thermal Oxidizer, Tard DIB, A-622	--	1.4E-10	2.6E-09	--	2.6E-09	1.4E-10	1.4E-10	2.6E-09	2.6E-09	IMMUN
3232	Tank 3232 - Propylene Tetramer Storage Tank	--	--	3.7E-10	--	3.7E-10	--	--	3.7E-10	3.7E-10	IMMUN
3169	Lube Oil Tank	--	--	1.2E-10	--	1.2E-10	1.7E-12	1.7E-12	1.2E-10	1.2E-10	IMMUN
3160	Tank 3160: Organic Liquid Storage Tank	--	--	8.1E-11	--	8.1E-11	1.1E-12	1.1E-12	8.1E-11	8.1E-11	IMMUN
3165	Lube Oil Tank	--	--	7.9E-11	--	7.9E-11	1.1E-12	1.1E-12	7.9E-11	7.9E-11	IMMUN
3166	Lube Oil Tank	--	--	7.8E-11	--	7.8E-11	1.1E-12	1.1E-12	7.8E-11	7.8E-11	IMMUN

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
3158	Lube Oil Tank	--	--	7.0E-11	--	7.0E-11	9.9E-13	9.9E-13	7.0E-11	7.0E-11	IMMUN
3159	Lube Oil Tank	--	--	6.7E-11	--	6.7E-11	9.3E-13	9.3E-13	6.7E-11	6.7E-11	IMMUN
3171	Lube Oil Tank	--	--	6.6E-11	--	6.6E-11	9.3E-13	9.3E-13	6.6E-11	6.6E-11	IMMUN
3168	Lube Oil Tank	--	--	6.0E-11	--	6.0E-11	8.4E-13	8.4E-13	6.0E-11	6.0E-11	IMMUN
3161	Lube Oil Tank	--	--	5.8E-11	--	5.8E-11	8.2E-13	8.2E-13	5.8E-11	5.8E-11	IMMUN
3167	Lube Oil Tank	--	--	5.7E-11	--	5.7E-11	8.0E-13	8.0E-13	5.7E-11	5.7E-11	IMMUN
32160	Fixed Roof Tank 3219, Propane	--	--	5.6E-11	--	5.6E-11	--	--	5.6E-11	5.6E-11	IMMUN
3162	Lube Oil Tank	--	--	5.5E-11	--	5.5E-11	7.7E-13	7.7E-13	5.5E-11	5.5E-11	IMMUN
3163	Lube Oil Tank	--	--	4.5E-11	--	4.5E-11	6.3E-13	6.3E-13	4.5E-11	4.5E-11	IMMUN
3164	Lube Oil Tank	--	--	4.4E-11	--	4.4E-11	6.1E-13	6.1E-13	4.4E-11	4.4E-11	IMMUN
3172	Lube Oil Tank	--	--	3.3E-11	--	3.3E-11	4.6E-13	4.6E-13	3.3E-11	3.3E-11	IMMUN
955	Tank 955	--	--	1.1E-11	--	1.1E-11	--	--	1.1E-11	1.1E-11	IMMUN
3157	Lube Oil Tank	--	--	5.6E-12	--	5.6E-12	7.9E-14	7.9E-14	5.6E-12	5.6E-12	IMMUN
32132	Thermal Oxidizer, Alky Plant, A-4413	1.3E-16	1.0E-15	1.0E-13	--	1.0E-13	2.4E-14	2.4E-14	1.0E-13	1.0E-13	REPRO/DEVEL
25	Tank 25: Organic Liquid Storage Container	--	--	--	--	--	--	--	--	--	N/A
200	Tank 200A	--	--	--	--	--	--	--	--	--	N/A
1020	Tank 1020: Inorganic Chemical Storage Tank	--	--	--	--	--	--	--	--	--	N/A
1894	Tank 1894: Phosphoric Acid Storage Tank	--	--	--	--	--	--	--	--	--	N/A
3147	Tank 3147: Organic Liquid Storage Tank	--	--	--	--	--	--	--	--	--	N/A
3148	Tank 3148: Organic Liquid Storage Tank	--	--	--	--	--	--	--	--	--	N/A
3235	Emergency Standby Diesel Pump Engine	--	--	--	--	--	--	--	--	--	N/A
4238	LIQUID PETROLEUM GAS LOADING RACK #4238	--	--	--	--	--	--	--	--	--	N/A
4365	Tri-Act 1825 Chemical Tote	--	--	--	--	--	--	--	--	--	N/A
4366	Tri-Act 1803 & 1825 Chemical Tote - Power Plant	--	--	--	--	--	--	--	--	--	N/A
4367	Tri-Act 1803 & 1825 Chemical Tote - RLOP	--	--	--	--	--	--	--	--	--	N/A
4368	Tri-Act 1803 & 1825 Chemical Tote - SRU	--	--	--	--	--	--	--	--	--	N/A

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
4369	Tri-Act 1803 & 1825 Chemical Tote - LSFO/D&R	--	--	--	--	--	--	--	--	--	N/A
4374	Fixed Roof Tank,400-gallon capacity, Chemical Tote, Flocculent	--	--	--	--	--	--	--	--	--	N/A
4430	Prime Diesel Engine Generator # 2	--	--	--	--	--	--	--	--	--	N/A
4431	Prime Diesel Engine Generator w/ integral Diesel Oxidation	--	--	--	--	--	--	--	--	--	N/A
7013	SRU Standby Generator	--	--	--	--	--	--	--	--	--	N/A
7501	Wharf Fire Water Pump	--	--	--	--	--	--	--	--	--	N/A
7508	Diesel Engine, Cummins model 855P310	--	--	--	--	--	--	--	--	--	N/A
7509	Diesel Engine, Cummins model 855P310	--	--	--	--	--	--	--	--	--	N/A
7511	Diesel Engine, Caterpillar model 3406	--	--	--	--	--	--	--	--	--	N/A
7512	Diesel Engine, Detroit Diesel model 70637600	--	--	--	--	--	--	--	--	--	N/A
7513	Stormwater Pump Engine, P-302A	--	--	--	--	--	--	--	--	--	N/A
7514	Stormwater Pump Engine, P-302B	--	--	--	--	--	--	--	--	--	N/A
7515	Emergency Diesel Stormwater Pump Engine(P-351A)	--	--	--	--	--	--	--	--	--	N/A
7516	Emergency Diesel Stormwater Pump Engine(P-351B)	--	--	--	--	--	--	--	--	--	N/A
7531	Diesel Engine, Detroit Diesel model 80637305, emergency standby	--	--	--	--	--	--	--	--	--	N/A
7534	Plant Protection Standby Generator	--	--	--	--	--	--	--	--	--	N/A
7538	Emergency Standby Diesel Generator Set	--	--	--	--	--	--	--	--	--	N/A
7541	Emergency Standby Diesel Fire Pump Engine	--	--	--	--	--	--	--	--	--	N/A
7542	Emergency Standby Diesel Fire Pump Engine	--	--	--	--	--	--	--	--	--	N/A
7543	Emergency Standby Diesel Fire Pump Engine	--	--	--	--	--	--	--	--	--	N/A
7544	Portable Diesel Engine	--	--	--	--	--	--	--	--	--	N/A
7545	Portable Diesel Engine	--	--	--	--	--	--	--	--	--	N/A
7546	Portable Diesel Engine	--	--	--	--	--	--	--	--	--	N/A

Source	Source Description	CV	CNS	IMMUN	GILV	REPRO/ DEVEL	RESP	EYE	BLOOD	Max HI	Most Impacted System
7547	Portable Diesel Engine	--	--	--	--	--	--	--	--	--	N/A
7548	Portable Diesel Engine	--	--	--	--	--	--	--	--	--	N/A
7549	Portable Diesel Engine	--	--	--	--	--	--	--	--	--	N/A
7550	Portable Diesel Engine	--	--	--	--	--	--	--	--	--	N/A
32120	Internal Combustion Engine (TV: S-7502)	--	--	--	--	--	--	--	--	--	N/A
32121	Internal Combustion Engine (TV: S-7503)	--	--	--	--	--	--	--	--	--	N/A
32122	Internal Combustion Engine (TV: S-7504)	--	--	--	--	--	--	--	--	--	N/A
32124	Internal Combustion Engine (TV: S-7547)	--	--	--	--	--	--	--	--	--	N/A
32133	Fixed Roof Tank 200b, Diethanolamine	--	--	--	--	--	--	--	--	--	N/A
32140	Fixed Roof Tank 1021, Diethanolamine	--	--	--	--	--	--	--	--	--	N/A
32152	Fixed Roof Tank 2420	--	--	--	--	--	--	--	--	--	N/A
32153	Fixed Roof Tank 2421	--	--	--	--	--	--	--	--	--	N/A
2540	Tank 2540: Organic Liquid Storage Tank	--	--	--	--	--	--	--	--	--	N/A
	Total HI by targeted organ/system =	1.6E-2	9.3E-2	1.2E+0	1.9E-6	1.1E+0	6.9E-2	7.0E-2	1.1E+0	1.2E+0	IMMUN

Appendix C – HARP2 Output Logs

HARP2 Residential Cancer Output Log

a. For tanks and fugitives sources (deposition rate = 0.02 m/s)

```
HARP2 - HRACalc (dated 22118) 12/17/2025 5:58:36 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION
```

```
Daily breathing rate: RMP

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS
Tier2 not used.

**********

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_002\hra\CV6_002_RC_CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_002\hra\CV6_002_RC_CancerRiskSumByRec.csv
HRA ran successfully
```

b. For other sources (deposition rate = 0.05 m/s)

```
HARP2 - HRACalc (dated 22118) 12/17/2025 7:04:23 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30
```

```
Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

*********************************
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

*********************************
INHALATION

Daily breathing rate: RMP

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

*********************************
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

*********************************
TIER 2 SETTINGS
Tier2 not used.

*********************************

Calculating cancer risk
```

```
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_005\hra\CV6_005_RC_CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_005\hra\CV6_005_RC_CancerRiskSumByRec.csv
HRA ran successfully
```

HARP2 Residential Chronic Output Log

a. For tanks and fugitives sources (deposition rate = 0.02 m/s)

```
HARP2 - HRACalc (dated 22118) 1/16/2026 11:57:37 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER
**Exposure duration are only adjusted for cancer assessments**

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
```

```
Worker adjustment factors enabled: NO

**Fraction at time at home**
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

*********************************
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

*********************************
TIER 2 SETTINGS
Tier2 not used.

*********************************

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_002\hra\CV6_002_RNC_NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_002\hra\CV6_002_RNC_NCChronicRiskSumByRec.csv
HRA ran successfully
```

b. For other sources (deposition rate = 0.05 m/s)

```
HARP2 - HRACalc (dated 22118) 1/16/2026 12:02:05 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
*********************************
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

*********************************
EXPOSURE DURATION PARAMETERS FOR CANCER
**Exposure duration are only adjusted for cancer assessments**

*********************************
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.
```

```
Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS
Tier2 not used.

**********

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_005\hra\CV6_005_RNC_NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_005\hra\CV6_005_RNC_NCChronicRiskSumByRec.csv
HRA ran successfully
```

HARP2 Worker Cancer Output Log

a. For tanks and fugitives sources (deposition rate = 0.02 m/s)

```
HARP2 - HRACalc (dated 22118) 12/17/2025 6:04:45 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: Cancer
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 25

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: Moderate8HR

**Worker Adjustment Factors**
```

```
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS
Tier2 not used.

**********

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_002\hra\CV6_002_WC_CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_002\hra\CV6_002_WC_CancerRiskSumByRec.csv
HRA ran successfully
```

b. For other sources (deposition rate = 0.05 m/s)

```
HARP2 - HRACalc (dated 22118) 12/17/2025 7:07:00 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: Cancer
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
```

2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 25

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
TIER 2 SETTINGS
Tier2 not used.

****

```
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_005\hra\CV6_005_WC_CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_005\hra\CV6_005_WC_CancerRiskSumByRec.csv
HRA ran successfully
```

HARP2 Worker Chronic Output Log

a. For tanks and fugitives sources (deposition rate = 0.02 m/s)

```
HARP2 - HRACalc (dated 22118) 1/16/2026 11:58:37 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
*********************************
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: NCChronic
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

*********************************
EXPOSURE DURATION PARAMETERS FOR CANCER
**Exposure duration are only adjusted for cancer assessments**

*********************************
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

*********************************
INHALATION

Daily breathing rate: Moderate8HR
```

```
**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS
Tier2 not used.

**********

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_002\hra\CV6_002_WNC_NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_002\hra\CV6_002_WNC_NCChronicRiskSumByRec.csv
HRA ran successfully
```

b. For other sources (deposition rate = 0.05 m/s)

```
HARP2 - HRACalc (dated 22118) 1/16/2026 12:02:44 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: NCChronic
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER
**Exposure duration are only adjusted for cancer assessments**

**********
PATHWAYS ENABLED
```

```
NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

*********************************
INHALATION

Daily breathing rate: Moderate8HR

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

*********************************
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

*********************************
TIER 2 SETTINGS
Tier2 not used.

*********************************

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_005\hra\CV6_005_WNC_NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_005\hra\CV6_005_WNC_NCChronicRiskSumByRec.csv
HRA ran successfully
```

HARP2 Student Cancer Output Log

a. For tanks and fugitives sources (deposition rate = 0.02 m/s)

```
HARP2 - HRACalc (dated 22118) 1/29/2026 6:33:11 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
*********************************
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: HighEnd

*!!!Health information was not supplied by the official health database!!!*

*********************************
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 2
Total Exposure Duration: 9

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 9
16<30 Years Bin: 0
16 to 70 Years Bin: 0

*********************************
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

*********************************
INHALATION
```

```
Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
NOTE: The worker adjustment factors below are only used for cancer assessments.  However, the GLC adjustment factor is also applied to 8-hr noncancer
chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 1
Exposure frequency: 180

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for details.
Tier2 - What was changed: NOT USING OFFICIAL HEALTH DATABASE|ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\lly\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_002\hra\CV6_002_SC_CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\lly\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_002\hra\CV6_002_SC_CancerRiskSumByRec.csv
HRA ran successfully
```

b. For other sources (deposition rate = 0.05 m/s)

```
HARP2 - HRACalc (dated 22118) 1/29/2026 6:43:56 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: HighEnd

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER
```

Start Age: 2
Total Exposure Duration: 9

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 9
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 1
Exposure frequency: 180

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

```
Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for details.
Tier2 - What was changed: NOT USING OFFICIAL HEALTH DATABASE|ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\lly\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_005\hra\CV6_005_SC_CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\lly\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_005\hra\CV6_005_SC_CancerRiskSumByRec.csv
HRA ran successfully
```

HARP2 Student Chronic Output Log

a. For tanks and fugitives sources (deposition rate = 0.02 m/s)

```
HARP2 - HRACalc (dated 22118) 1/29/2026 6:33:45 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: HighEnd

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER
**Exposure duration are only adjusted for cancer assessments**

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
```

```
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for details.
Tier2 - What was changed: NOT USING OFFICIAL HEALTH DATABASE|ED or start age changed|
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\lly\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID
10 Chevron\5-HARP2\CHEVRON_6_002\hra\CV6_002_SNC_NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\lly\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6_002\hra\CV6_002_SNC_NCChronicRiskSumByRec.csv
HRA ran successfully
```

b. For other sources (deposition rate = 0.05 m/s)

```
HARP2 - HRACalc (dated 22118) 1/29/2026 6:44:27 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: HighEnd
```

!!!Health information was not supplied by the official health database!!!

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: NOT USING OFFICIAL HEALTH DATABASE|ED or start age changed|

```
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\lly\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-HARP2\CHEVRON_6_005\hra\CV6_005_SNC_NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\lly\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-HARP2\CHEVRON_6_005\hra\CV6_005_SNC_NCChronicRiskSumByRec.csv
HRA ran successfully
```

HARP 2 Acute Output Log

```
HARP2 - HRACalc (dated 22118) 12/11/2025 11:09:03 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCAcute
Calculation Method: Derived

*!!!Health information was not supplied by the official health database!!!*

**********
EXPOSURE DURATION PARAMETERS FOR CANCER
**Exposure duration are only adjusted for cancer assessments**

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO
```

```
**Fraction at time at home**
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

*********************************
TIER 2 SETTINGS
Tier2 not used.

*********************************

Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10
Chevron\5-HARP2\CHEVRON_6\hra\CV6_A_NCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-
HARP2\CHEVRON_6\hra\CV6_A_NCAcuteRiskSumByRec.csv
HRA ran successfully
```

Appendix D – HARP2 Project Summary Report

HARP Project Summary Report 12/11/2025 11:12:06 AM

PROJECT INFORMATION
HARP Version: 22118
Project Name: CHEVRON_6
Project Output Directory: C:\Users\LLy\OneDrive - Bay Area Air Quality Management District\Desktop\HRA Modeling\FID 10 Chevron\5-HARP2\CHEVRON_6
HARP Database: NA

POLLUTANT HEALTH INFORMATION
Health Database: C:\Users\LLy\Desktop\HealthDB_March_31_2016 _Corrected_Sept_2022.mdb
Health Table Version: HEALTH
Official: False

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
100414	Ethyl Benzene	0.0087			2000		
106990	1,3-Butadiene	0.6		660	2		9
71432	Benzene	0.1		27	3		3
110543	Hexane				7000		
7783064	H2S			42	10		
67561	Methanol			28000	4000		
91203	Naphthalene	0.12			9		
115071	Propylene				3000		
108883	Toluene			5000	420		830
1330207	Xylenes			22000	700		
123911	1,4-Dioxane	0.027		3000	3000		
107028	Acrolein			2.5	0.35		0.7
50328	B[a]P	3.9	12				
75150	CS2			6200	800		
463581	CarbonylSulfide			660	10	0	10
1319773	Cresols				600		
111422	Diethanolamine				3		
106934	EDB	0.25			0.8		
107062	EDC	0.072			400		
67630	Isopropyl Alcoh			3200	7000		
78933	MEK			13000			
1634044	Me t-ButylEther	0.0018			8000		
75092	Methylene Chlor	0.0035		14000	400		
108952	Phenol			5800	200		
100425	Styrene			21000	900		
7664417	NH3			3200	200		
75070	Acetaldehyde	0.01		470	140		300
56235	CCl4	0.15		1900	40		
7782492	Selenium				20	0.005	
7664939	Sulfuric Acid			120	1		
7664382	Phosphoric Acid				7		
9901	DieselExhPM	1.1			5		
7440382	Arsenic	12	1.5	0.2	0.015	3.5E-06	0.015
7440417	Beryllium	8.4			0.007	0.002	
7440439	Cadmium	15			0.02	0.0005	
18540299	Cr(VI)	510	0.5		0.2	0.02	
7440508	Copper			100			

57125	Cyanide cmpds			340	9		
50000	Formaldehyde	0.021		55	9		9
7647010	HCl			2100	9		
7439921	Lead	0.042	0.0085				
7439965	Manganese				0.09		0.17
7439976	Mercury			0.6	0.03	0.00016	0.06
7440020	Nickel	0.91		0.2	0.014	0.011	0.06
96128	DBCP	7					
67663	Chloroform	0.019		150	300		
117817	Di2-EthHxPhthal	0.0084	0.0084				
127184	Perc	0.021		20000	35		
71556	1,1,1-TCA			68000	1000		
79016	TCE	0.007			600		
88062	2,4,6TriClPhenl	0.07					
7440622	Vanadium			30			
1746016	2,3,7,8-TCDD	130000	130000		4E-05	1E-08	
7782505	Chlorine			210	0.2		
1336363	PCBs	2	2				
74908	HCN			340	9		
74839	Methyl Bromide			3900	5		
13463393	Ni Carbonyl	0.91		0.2	0.014	0.011	0.06
75014	Vinyl Chloride	0.27		180000			
7440484	Cobalt	27					
75569	Propylene Oxide	0.013		3100	30		
107211	Ethylene Glycol				400		
111762	EGBE			4700	82		160
107982	PGME				7000		
26471625	TolueneDiisocyn	0.039		2	0.008		0.015

Appendix E – Auer Land Use Determination

Land Use Determination					
Chevron Richmond Refinery, A0010					
11-18 Facility-Wide HRA					
UTM Easting (meters): 553379					
UTM Northing (meters): 4182876					
UTM Zone: 10					
Datum: NAD83					
Study Radius for surface roughness (km): 3.0					
NLCD 2016:	Land	Cover Counts: Surface Roughness			
	0	Missing, Out-of-Bounds, or Unde	0		
	11	Open Water:	12040		
	12	Perennial Ice/Snow:	0		
	21	Developed, Open Space:	3172		
	22	Developed, Low Intensity:	3926		
	23	Developed, Medium Intensity:	5270		
	24	Developed, High Intensity:	4298		
	31	Barren Land (Rock/Sand/Clay):	30		
	32	Unconsolidated Shore:	0		
	41	Deciduous Forest:	63		
	42	Evergreen Forest:	46		
	43	Mixed Forest:	196		
	51	Dwarf Scrub:	0		
	52	Shrub/Scrub:	885		
	71	Grasslands/Herbaceous:	199		
	72	Sedge/Herbaceous:	0		
	73	Lichens:	0		
	74	Moss:	0		
	81	Pasture/Hay:	0		
	82	Cultivated Crops:	11		
	90	Woody Wetlands:	12		
	91	Palustrine Forested Wetland:	0		
	92	Palustrine Scrub/Shrub Wetland	0		
	93	Estuarine Forested Wetland:	0		
	94	Estuarine Scrub/Shrub Wetland:	0		
	95	Emergent Herbaceous Wetland:	1268		
	96	Palustrine Emergent Wetland (P	0		
	97	Estuarine Emergent Wetland:	0		
	98	Palustrine Aquatic Bed:	0		
	99	Estuarine Aquatic Bed:	0		
	---	----------		Minus Water	
		Total:	31416	19376	
		Urban % =	30.46%	49.38%	

Appendix F – AERMOD Source Groups and Air District's Sources Crosswalk

Source ID	Source Description	Category	AERMOD Source Group
25	Tank 25: Organic Liquid Storage Container	Storage Tank	REF_FUG
55	Tank 55	Storage Tank	T55
200	Tank 200A	Storage Tank	T200
234	Tank 234	Storage Tank	REF_FUG
397	Tank 397	Storage Tank	T397
399	Tank 399	Storage Tank	T399
679	Tank 679	Storage Tank	T679
892	Tank 892: Inorganic Chemical Storage	Storage Tank	REF_FUG
955	Tank 955	Storage Tank	REF_FUG
984	Tank 984	Storage Tank	T984
990	Tank 990	Storage Tank	T990
991	Tank 991	Storage Tank	T991
992	Storage Tank T-992	Storage Tank	T992
1020	Tank 1020: Inorganic Chemical Storage Tank	Storage Tank	T1020
1287	Tank 1287	Storage Tank	T1287
1289	Tank 1289	Storage Tank	T1289
1292	Tank 1292	Storage Tank	T1292
1296	Tank 1296	Storage Tank	T1296
1297	Tank 1297: Organic Storage Tank	Storage Tank	T1297
1428	Tank 1428	Storage Tank	REF_FUG
1455	Tank 1455	Storage Tank	T1455
1459	Tank 1459	Storage Tank	T1459
1488	Tank 1488	Storage Tank	T1488
1489	Tank 1489	Storage Tank	T1489
1491	Tank 1491	Storage Tank	T1491
1492	Tank 1492	Storage Tank	T1492

Source ID	Source Description	Category	AERMOD Source Group
1493	Tank 1493	Storage Tank	T1493
1504	Tank 1504	Storage Tank	T1504
1506	Tank 1506	Storage Tank	REF_FUG
1514	Tank 1514	Storage Tank	T1514
1518	Tank 1518	Storage Tank	T1518
1635	Tank 1635 Organic Liquid Storage Tank	Storage Tank	T1635
1636	Tank 1636	Storage Tank	T1636
1637	Tank 1637	Storage Tank	T1637
1653	Tank 1653	Storage Tank	T1653
1687	Tank 1687	Storage Tank	T1687
1688	Tank 1688	Storage Tank	T1688
1798	Tank 1798	Storage Tank	T1798
1799	Tank 1799	Storage Tank	T1799
1821	Tank 1821 Fresh Sulfuric Acid Tank	Storage Tank	REF_FUG
1843	Tank 1843	Storage Tank	T1843
1894	Tank 1894: Phosphoric Acid Storage Tank	Storage Tank	T1894
1899	Tank 1899	Storage Tank	T1899
1966	Tank 1966	Storage Tank	T1966
2540	Tank 2540: Organic Liquid Storage Tank	Storage Tank	REF_FUG
3071	Tank 3071	Storage Tank	T3071
3072	Tank 3072	Storage Tank	T3072
3073	Tank 3073	Storage Tank	T3073
3074	Tank 3074	Storage Tank	T3074
3076	Tank 3076	Storage Tank	T3076
3100	Tank 3100	Storage Tank	T3100
3101	Tank 3101	Storage Tank	T3101
3102	Tank 3102	Storage Tank	T3102
3103	Tank 3103	Storage Tank	T3103

Source ID	Source Description	Category	AERMOD Source Group
3104	Tank 3104	Storage Tank	T3104
3105	Tank 3105	Storage Tank	T3105
3106	Tank 3106	Storage Tank	T3106
3107	Tank 3107	Storage Tank	T3107
3110	Desalter Effluent Surge Tank A	Storage Tank	T3110
3111	Desalter Effluent Surge Tank B	Storage Tank	T3111
3126	Tank 3126	Storage Tank	T3126
3127	Tank 3127	Storage Tank	T3127
3128	Tank 3128	Storage Tank	T3128
3129	Tank 3129	Storage Tank	T3129
3132	Tank 3132	Storage Tank	T3132
3133	Tank 3133	Storage Tank	T3133
3134	Tank 3134	Storage Tank	T3134
3138	Tank 3138	Storage Tank	T3138
3139	Tank 3139	Storage Tank	T3139
3142	Tank 3142	Storage Tank	T3142
3146	Tank 3146: 20% Aqueous Ammonia	Storage Tank	T3146
3147	Tank 3147: Organic Liquid Storage Tank	Storage Tank	T3147
3148	Tank 3148: Organic Liquid Storage Tank	Storage Tank	T3148
3157	Lube Oil Tank	Storage Tank	REF_FUG
3158	Lube Oil Tank	Storage Tank	REF_FUG
3159	Lube Oil Tank	Storage Tank	REF_FUG
3160	Tank 3160: Organic Liquid Storage Tank	Storage Tank	REF_FUG
3161	Lube Oil Tank	Storage Tank	REF_FUG
3162	Lube Oil Tank	Storage Tank	REF_FUG
3163	Lube Oil Tank	Storage Tank	REF_FUG
3164	Lube Oil Tank	Storage Tank	REF_FUG
3165	Lube Oil Tank	Storage Tank	REF_FUG

Source ID	Source Description	Category	AERMOD Source Group
3166	Lube Oil Tank	Storage Tank	REF_FUG
3167	Lube Oil Tank	Storage Tank	REF_FUG
3168	Lube Oil Tank	Storage Tank	REF_FUG
3169	Lube Oil Tank	Storage Tank	REF_FUG
3170	Lube Oil Tank	Storage Tank	T3170
3171	Lube Oil Tank	Storage Tank	REF_FUG
3172	Lube Oil Tank	Storage Tank	REF_FUG
3180	Tank 3180	Storage Tank	T3180
3182	Tank 3182: Organic Liquid Storage Tank	Storage Tank	T3182
3185	Tank 3185 (previously T-982)	Storage Tank	T3185
3186	Gas Oil Tank	Storage Tank	T3186
3189	Gasoline component and Diesel Tank	Storage Tank	T3189
3190	Tank 3190	Storage Tank	T3190
3191	Tank 3191	Storage Tank	T3191
3193	Gasoline component Tank	Storage Tank	T3193
3194	Storage Tank T-3194	Storage Tank	T3194
3195	T-3195 Waxy Heavy Neutral Storage Tank	Storage Tank	T3195
3196	Gasoline Component Tank	Storage Tank	T3196
3197	Gasoline Component Tank	Storage Tank	T3197
3198	Tank 3198: Organic Liquid Storage Tank	Storage Tank	T3198
3201	Tank 3201: Whole Alkylate	Storage Tank	T3201
3202	Tank 3202: Methanol	Storage Tank	T3202
3213	Tank 3213: Organic Liquid Storage Tank	Storage Tank	T3213
3214	Tank 3214: Organic Liquid Storage Tank	Storage Tank	T3214
3215	Tank 3215: Organic Liquid Storage Tank	Storage Tank	T3215
3216	Tank 3216: Organic Liquid Storage Tank	Storage Tank	T3216
3220	Tank 400: Organic Liquid Storage Tank	Storage Tank	T3220
3225	Organic Liquid Storage Tank	Storage Tank	T3225

Source ID	Source Description	Category	AERMOD Source Group
3226	Sulfur storage Tank (fixed roof)	Storage Tank	T3226
3228	Caustic Storage Tank	Storage Tank	T3228
3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	Storage Tank	T3229
3232	Tank 3232 - Propylene Tetramer Storage Tank	Storage Tank	REF_FUG
3235	Emergency Standby Diesel Pump Engine	Generator	D3235
4038	#4 RHENIFORMER, F-3550	Boiler Heater	P_0040
4039	#4 RHENIFORMER, F-3560	Boiler Heater	P_0040
4040	#4 RHENIFORMER, F-3570	Boiler Heater	P_0041
4041	F3580, #4 RHENIFORMER	Boiler Heater	P_0041
4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	Boiler Heater	P_0042
4043	F560, #5 RHENIFORMER	Boiler Heater	P_0042
4044	#5 RHENIF F570	Boiler Heater	P_0043
4045	#5 RHENIF F580	Boiler Heater	P_0043
4059	#1 JHT Furnace #247	Boiler Heater	P_0047
4060	#1 JHT Furnace #210A&B	Boiler Heater	P_0048
4061	#5 NAPH HYDROTREATER F410	Boiler Heater	P_0049
4062	#5 NAPH HYDROTREATER F447	Boiler Heater	P_0049
4068	VGO DESULFURIZER F-1610	Boiler Heater	P_0055
4069	VGO F1660	Boiler Heater	F_1660
4070	#4 CRUDE UNIT F 1100A	Boiler Heater	P_0057
4071	#4 CRUDE UNIT F1100B	Boiler Heater	P_0058
4072	#4 CRUDE UNIT F1160	Boiler Heater	F_1160
4073	LSFO COOLING TOWER	Cooling Towers	CTLSFO
4076	3 CAT COOLING TOWER E460	Cooling Towers	CT4CAT
4129	800# STM BLR #1 #IPP	Boiler Heater	P_0098
4131	800# STM BLR #3 #1PP	Boiler Heater	P_0099
4132	800# STM BLR #4 #1 PP	Boiler Heater	P_0099
4133	800# STEAM BLR #5 #1PP	Boiler Heater	P_0100

Source ID	Source Description	Category	AERMOD Source Group
4135	800# STM BLR #7 #1 PP	Boiler Heater	P_0101
4148	#13 SEPARATOR	Wastewater Treatment	S4148
4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	Boiler Heater	P_0109
4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	Boiler Heater	P_0111
4155	F-135 Hot Oil Furnace	Boiler Heater	P_4155
4159	F410 TKC FEED FURNACE TKC ISOMAX	Boiler Heater	P_0117
4160	F420 TKC FEED FURNACE TKC ISOMAX	Boiler Heater	P_0117
4161	F-510 TKN Feed Furnace/Low NOx Burners	Boiler Heater	P_0311
4162	F-520 TKN Furnace/Low-NOx Burners	Boiler Heater	P_0311
4163	F-530 TKN Feed Furnace/Low NOx Burners	Boiler Heater	P_0311
4164	F-630 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	Boiler Heater	P_0119
4165	F620 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	Boiler Heater	P_0119
4166	F-610 ISOCRACKER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	Boiler Heater	P_0119
4167	F-710 TKC FRACTIONATOR ISOMAX	Boiler Heater	P_0120
4168	F-730 ISOCRACKER SPLITTER FEED FURNACE ISOMAX w/Ultra Low NOX Burners	Boiler Heater	P_0121
4169	F-731 ISOCRACKER REBOILER ISOMAX w/Ultra Low NOX Burners	Boiler Heater	P_0122
4172	ISOMAX COOLING TOWER -E-261	Cooling Towers	CTISMX
4173	FCC COOLING TOWER 2-710	Cooling Towers	CTFCC
4187	FCC POLYMER COOLING TOWER E-781	Cooling Towers	CTPOLY
4188	F-651 Polymer Furnace/Low NOx Burners	Boiler Heater	P_0147
4189	F-661 Polymer Furnace/Low NOx Burners	Boiler Heater	P_0148
4191	Alkane Cooling Water Tower	Cooling Towers	CTALK
4194	F-2370 Tail Gas Heater SRU #3	Boiler Heater	SRU3_N
4227	SRU #1 Train	Sulfur Plant	SRU1_N
4228	SRU #2 Train	Sulfur Plant	SRU2_N
4229	SRU #3 Train	Sulfur Plant	SRU3_N
4237	NO. 5 RHENIFORMER, 23,000 BPD	Boiler Heater	S4237
4238	LIQUID PETROLEUM GAS LOADING RACK #4238	Other	LPG

Source ID	Source Description	Category	AERMOD Source Group
4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	Boiler Heater	S4283
4285	FCC Plant	Catalytic Cracking	FCCU
4329	RLOP Cooling Tower	Cooling Towers	CTRLOPA
4330	HNHF Reactor Furnace, F-1610	Boiler Heater	P_0215
4331	LNHF Reactor Furnace, F-1310	Boiler Heater	P_0215
4332	Hot Oil Furnace, F-1360	Boiler Heater	P_0215
4333	TKC Vacuum Furnace, F-1750	Boiler Heater	P_0216
4334	LNC Atmos Furnace, F-1200	Boiler Heater	P_0216
4335	LNC Vacuum Furnace, F-1250	Boiler Heater	P_0216
4336	HNC Reactor Furnace, F-1410	Boiler Heater	P_0217
4337	HNC Atmos Furnace, F-1500	Boiler Heater	P_0217
4338	HNC Vacuum Furnace, F-1550	Boiler Heater	P_0217
4339	LNC Reactor Furnace, F-1110	Boiler Heater	P_0217
4349	Furnace F-1650	Other	F_1650
4350	Gas Turbine with Steam Injection	Cogeneration	COGEN1
4351	Heat Recovery Steam Generator	Cogeneration	COGEN1
4352	Gas Turbine with Steam Injection	Cogeneration	COGEN2
4353	Heat Recovery Steam Generator	Cogeneration	COGEN2
4365	Tri-Act 1825 Chemical Tote	Storage Tank	CTAS
4366	Tri-Act 1803 & 1825 Chemical Tote - Power Plant	Storage Tank	CTAS
4367	Tri-Act 1803 & 1825 Chemical Tote - RLOP	Storage Tank	CTAS
4368	Tri-Act 1803 & 1825 Chemical Tote - SRU	Storage Tank	CTAS
4369	Tri-Act 1803 & 1825 Chemical Tote - LSFO/D&R	Storage Tank	CTAS
4374	Fixed Roof Tank,400-gallon capacity, Chemical Tote, Flocculent	Storage Tank	CTAS
4392	Wetland Marsh	Wastewater Treatment	S4392
4393	BIO-REACTOR	Wastewater Treatment	BIORCT
4410	General Maintenance Paint Booth	Other	S4410
4413	#2a Separator	Wastewater Treatment	S4413

Source ID	Source Description	Category	AERMOD Source Group
4414	#1a Separator	Wastewater Treatment	S4414
4422	Abrasive Blasting Operating at I&E Shop	Other	S4422
4424	Equipment Painting Area	Other	S4424
4430	Prime Diesel Engine Generator # 2	Generator	S4430
4431	Prime Diesel Engine Generator w/ integral Diesel Oxidation	Generator	S4431
4436	Stack Gas Heater SRU #1, F-2170	Boiler Heater	SRU1_N
4437	Stack Gas Heater SRU #2, F-2270	Boiler Heater	SRU2_N
4471	Hydrogen Plant Train #1 Reformer	Boiler Heater	H2_T1
4472	Hydrogen Plant Train #2 Reformer Furnace	Boiler Heater	H2_T2
6010	HIGH LEVEL FLARE,LSFO	Vapor Recovery/Flares	FLR_LSFO
6012	V-282 SOUTH ISOMAX FLARE	Vapor Recovery/Flares	FLR_SISO
6013	North Isomax Flare V-281	Vapor Recovery/Flares	FLR_NISO
6016	FCC Flare V-731	Vapor Recovery/Flares	FLR_FCC
6019	V-732, Alky-Poly Flare	Vapor Recovery/Flares	FLR_ALK
6021	Hydrogen Plant Flare	Vapor Recovery/Flares	FLR_H2
6039	Lube Flare, V-3501	Vapor Recovery/Flares	FLR_ROLP
6042	Sandblaster at Machine Shop	Other	SB_MS
6046	Sandblaster at Machine Shop	Other	SB_MS
6047	Sandblaster at Machine Shop	Other	SB_MS
6051	Alky Cooling Tower	Cooling Towers	CTALK
6226	Portable Steel Storage Container	Storage Tank	PSC_AS
6227	Portable Steel Storage	Storage Tank	PSC_AS
6228	Portable Steel Storage Container	Storage Tank	PSC_AS
6229	Portable Steel Storage Container	Storage Tank	PSC_AS
6230	Portable Steel Container	Storage Tank	PSC_AS
6231	Portable Steel Storage Container	Storage Tank	PSC_AS
6232	Portable Steel Storage Container	Storage Tank	PSC_AS
6233	Portable Steel Storage Container	Storage Tank	PSC_AS

Source ID	Source Description	Category	AERMOD Source Group
6234	Portable Steel Storage Container	Storage Tank	PSC_AS
6235	Portable Steel Storage Container	Storage Tank	PSC_AS
6236	Portable Steel Storage Container	Storage Tank	PSC_AS
6237	Portable Steel Storage Container	Storage Tank	PSC_AS
6238	Portable Steel Storage Container	Storage Tank	PSC_AS
6239	Portable Steel Storage Container	Storage Tank	PSC_AS
7013	SRU Standby Generator	Generator	SRU_GEN
7501	Wharf Fire Water Pump	Generator	P100B
7508	Diesel Engine, Cummins model 855P310	Generator	P15_16
7509	Diesel Engine, Cummins model 855P310	Generator	P15_16
7511	Diesel Engine, Caterpillar model 3406	Generator	P3
7512	Diesel Engine, Detroit Diesel model 70637600	Generator	P3000
7513	Stormwater Pump Engine, P-302A	Generator	P302A
7514	Stormwater Pump Engine, P-302B	Generator	P302B
7515	Emergency Diesel Stormwater Pump Engine(P-351A)	Generator	P351A
7516	Emergency Diesel Stormwater Pump Engine(P-351B)	Generator	P351B
7531	Diesel Engine, Detroit Diesel model 80637305, emergency standby	Generator	5H2_GEN
7534	Plant Protection Standby Generator	Generator	P_PROT
7535	Emergency Standby Fire Pump	Generator	DWOP1
7536	Emergency Standby Fire Pump	Generator	DWOP2
7538	Emergency Standby Diesel Generator Set	Generator	REPDICE
7541	Emergency Standby Diesel Fire Pump Engine	Generator	REPDICE
7542	Emergency Standby Diesel Fire Pump Engine	Generator	REPDICE
7543	Emergency Standby Diesel Fire Pump Engine	Generator	REPDICE
7544	Portable Diesel Engine	Cogeneration	S7544
7545	Portable Diesel Engine	Cogeneration	S7545
7546	Portable Diesel Engine	Generator	S7546
7547	Portable Diesel Engine	Generator	S7547

Source ID	Source Description	Category	AERMOD Source Group
7548	Portable Diesel Engine	Generator	S7548
7549	Portable Diesel Engine	Generator	S7549
7550	Portable Diesel Engine	Generator	S7550
7601	Quart Line Bottles, One Gallon Jugs, Pails, Quart Case	Other	S7601
9304	Non Retail Gasoline Dispensing Facility	Other	NR_GDF
9321	Marine Terminal Berth #1	Marine Loading	P_255
9322	Marine Terminal Berth #2	Marine Loading	P_255
9323	Marine Terminal Berth #3	Marine Loading	P_255
9324	Marine Terminal Berth #4	Marine Loading	P_255
9325	Marine Terminal Berth #9	Marine Loading	P_255
32101	Fugitive Sources - Process Vessel Depressurization	Fugitives	REF_FUG
32102	Fugitive Sources - Valves, Flanges, and Connectors	Fugitives	REF_FUG
32103	Fugitive Sources - Pumps & Compressor Seals	Fugitives	REF_FUG
32104	Fugitive Sources - Pressure Relief Valves	Fugitives	REF_FUG
32105	Fugitive Sources - Process Drains	Wastewater Treatment	REF_FUG
32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	Fugitives	PS_17
32112	Fugitives -LPG Racks - Pumps & Compressor Seals	Fugitives	REF_FUG
32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	Fugitives	YRD_DIB
32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	Fugitives	PS_21
32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	Fugitives	FCC_PLUS
32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	Fugitives	ALKY_FUG
32120	Internal Combustion Engine (TV: S-7502)	Generator	REF_FUG
32121	Internal Combustion Engine (TV: S-7503)	Generator	REF_FUG
32122	Internal Combustion Engine (TV: S-7504)	Generator	REF_FUG
32124	Internal Combustion Engine (TV: S-7547)	Generator	REF_FUG
32125	Thermal Oxidizer, LPG Plant, A-620	Other	REF_FUG
32126	Thermal Oxidizer, Tard DIB, A-622	Other	REF_FUG
32127	Thermal Oxidizer, 21 Pump Station, A-623	Other	REF_FUG

Source ID	Source Description	Category	AERMOD Source Group
32128	Thermal Oxidizer, 17 Pump Station, A-624	Other	REF_FUG
32129	Thermal Oxidizer, FCC, A-627	Other	REF_FUG
32130	Thermal Oxidizer, Alkyl Plant, A-628	Other	REF_FUG
32131	Crude Furnace F-1100B, A-3200	Other	REF_FUG
32132	Thermal Oxidizer, Alky Plant, A-4413	Other	REF_FUG
32133	Fixed Roof Tank 200b, Diethanolamine	Storage Tank	REF_FUG
32140	Fixed Roof Tank 1021, Diethanolamine	Storage Tank	REF_FUG
32141	Fixed Roof Tank 1108, Ammonium Hydroxide	Storage Tank	REF_FUG
32152	Fixed Roof Tank 2420	Storage Tank	REF_FUG
32153	Fixed Roof Tank 2421	Storage Tank	REF_FUG
32155	Fixed Roof Tank 2445	Storage Tank	REF_FUG
32158	Fixed Roof Tank 3217, Diesel	Storage Tank	T3217
32159	Fixed Roof Tank 3218, Distillate Oil	Storage Tank	T3218
32160	Fixed Roof Tank 3219, Propane	Storage Tank	REF_FUG
32161	Fixed Roof Tank 3222, Residual Oil	Storage Tank	T3222
32164	Fixed Roof Tank 3227	Storage Tank	T3227
32165	Fixed Roof Tank 3233, Distillate Oil	Storage Tank	T3233

Appendix G – AERMOD Model Run Summary

```
***      Recombined BEEST Partitioned Run       ***
**BEE-Line Software: BEEST Suite (Version 12.13a) data input file
**  Model: AERMOD.EXE     Input File Creation Date: 9/25/2025  Time: 8:58:24 AM
NO ECHO




  *** Message Summary For AERMOD Model Setup ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of           19 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 CO W205      10       MODOPT: No Option Parameter Setting.  Forced by Default to         CONC
 SO W320    3885        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4056        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4389        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4392        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4662        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    4695        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    4877        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4984        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    5959        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    5992        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6025        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6058        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6091        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6124        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6157        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6190        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6223        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 MX W403    6970       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data

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

```
 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                    ***        09:02:59
                                                                                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * Option for Capped & Horiz Stacks Selected With:
          0 Capped Stack(s); and         2 Horizontal Stack(s)
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: OTHER

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    266 Source(s);     225 Source Group(s); and    5202 Receptor(s)

                with:    180 POINT(s), including
                            0 POINTCAP(s) and      2 POINTHOR(s)
                 and:       0 VOLUME source(s)
                 and:      86 AREA type source(s)
                 and:       0 LINE source(s)
                 and:       0 RLINE/RLINEXT source(s)
                 and:       0 OPENPIT source(s)
                 and:       0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:       0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of PERIOD 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)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE 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) =     1.50 ;  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 =      9.1 MB of RAM.

 **Input Runstream File:          C:\Users\lly\OneDrive - Bay Area Air Quality Management District\PROJECTS\2-Active HRAs\FID 10 C
 **Output Print File:             C:\Users\lly\OneDrive - Bay Area Air Quality Management District\PROJECTS\2-Active HRAs\FID 10 C
 **File for Summary of Results:   C:\Users\lly\OneDrive - Bay Area Air Quality Management District\PROJECTS\2-Active HRAs\FID 10 C
```

```
*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE  11

*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                          SOURCE IDs
-----------                                          ----------

 T55        T55         ,

 T200       T200        ,

 T397       T397        ,

 T399       T399        ,

 T679       T679        ,

 T984       T984        ,

 T990       T990        ,

 T991       T991        ,

 T992       T992        ,

 T1020      T1020       ,

 T1287      T1287       ,

 T1289      T1289       ,

 T1292      T1292       ,

 T1296      T1296       ,

 T1297      T1297       ,

 T1455      T1455       ,

 T1459      T1459       ,

 T1488      T1488       ,

 T1489      T1489       ,

 T1491      T1491       ,
```

```
*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE  12

*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------


 T1492      T1492       ,

 T1493      T1493       ,

 T1504      T1504       ,

 T1514      T1514       ,

 T1518      T1518       ,

 T1635      T1635       ,

 T1636      T1636       ,

 T1637      T1637       ,

 T1653      T1653       ,

 T1687      T1687       ,

 T1688      T1688       ,

 T1798      T1798       ,

 T1799      T1799       ,

 T1843      T1843       ,

 T1894      T1894       ,

 T1899      T1899       ,

 T1966      T1966       ,

 T3071      T3071       ,

 T3072      T3072       ,

 T3073      T3073       ,
```

```
*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------

 T3074      T3074       ,

 T3076      T3076       ,

 T3100      T3100       ,

 T3101      T3101       ,

 T3102      T3102       ,

 T3103      T3103       ,

 T3104      T3104       ,

 T3105      T3105       ,

 T3106      T3106       ,

 T3107      T3107       ,

 T3110      T3110       ,

 T3111      T3111       ,

 T3126      T3126       ,

 T3127      T3127       ,

 T3128      T3128       ,

 T3129      T3129       ,

 T3132      T3132       ,

 T3133      T3133       ,

 T3134      T3134       ,

 T3138      T3138       ,
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*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------

 T3139      T3139       ,

 T3142      T3142       ,

 T3146      T3146       ,

 T3147      T3147       ,

 T3148      T3148       ,

 T3170      T3170       ,

 T3180      T3180       ,

 T3182      T3182       ,

 T3185      T3185       ,

 T3186      T3186       ,

 T3189      T3189       ,

 T3190      T3190       ,

 T3191      T3191       ,

 T3193      T3193       ,

 T3194      T3194       ,

 T3195      T3195       ,

 T3196      T3196       ,

 T3197      T3197       ,

 T3198      T3198       ,

 T3201      T3201       ,
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*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------


 T3202      T3202       ,

 T3213      T3213       ,

 T3214      T3214       ,

 T3215      T3215       ,

 T3216      T3216       ,

 T3220      T3220       ,

 T3225      T3225       ,

 T3226      T3226       ,

 T3229      T3229       ,

 T3234      T3234       ,

 D3235      D3235       ,

 P_0040     P_0040      ,

 P_0041     P_0041      ,

 P_0042     P_0042      ,

 P_0043     P_0043      ,

 P_0047     P_0047      ,

 P_0048     P_0048      ,

 P_0049     P_0049      ,

 P_0055     P_0055      ,

 F_1660     F_1660      ,
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*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                                    ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                                     ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------

 P_0057     P_0057      ,

 P_0058     P_0058      ,

 F_1160     F_1160      ,

 CTLSFO     CTLSFO_A    , CTLSFO_B    ,

 CT4CAT     CT4CAT_A    , CT4CAT_B    , CT4CAT_C    , CT4CAT_D    , CT4CAT_E    , CT4CAT_F    , CT4CAT_G    , CT4CAT_H    ,

 P_0098     P_0098      ,

 P_0099     P_0099      ,

 P_0100     P_0100      ,

 P_0101     P_0101      ,

 S4148      S4148       ,

 P_0109     P_0109      ,

 P_0111     P_0111      ,

 P_4155     P_4155      ,

 P_0117     P_0117      ,

 P_0311     P_0311      ,

 P_0119     P_0119      ,

 P_0120     P_0120      ,

 P_0121     P_0121      ,

 P_0122     P_0122      ,

 CTISMX     CTISMX_A    , CTISMX_B    , CTISMX_C    , CTISMX_D    , CTISMX_E    , CTISMX_F    , CTISMX_G    , CTISMX_H    ,
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*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                      *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                          SOURCE IDs
-----------                                          ----------

           CTISMX_I    , CTISMX_J    , CTISMX_K    , CTISMX_L    , CTISMX_M    , CTISMX_N    , CTISMX_O    , CTISMX_P    ,
 CTFCC     CTFCC_A     , CTFCC_B     , CTFCC_C     , CTFCC_D     , CTFCC_E     , CTFCC_F     , CTFCC_G     , CTFCC_H     ,
           CTFCC_I     , CTFCC_J     , CTFCC_K     , CTFCC_L     , CTFCC_M     , CTFCC_N     ,
 CTPOLY    CTPOLY      ,
 P_0147    P_0147      ,
 P_0148    P_0148      ,
 CTALK     CTALKAB1    , CTALKAB2    , CTALKCD1    , CTALKCD2    , CTALKEF1    , CTALKEF2    ,
 SRU1_N    SRU1_N      ,
 SRU2_N    SRU2_N      ,
 SRU3_N    SRU3_N      ,
 LPG       LPG         ,
 FCCU      FCCU        ,
 P_0215    P_0215      ,
 P_0216    P_0216      ,
 P_0217    P_0217      ,
 F_1650    F_1650      ,
 COGEN1    COGEN1      ,
 COGEN2    COGEN2      ,
 CTAS      CTAS        ,
 S4392     S4392       ,
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*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------


 BIORCT     BIORCT      ,

 NSV        NSV         ,

 S4410      S4410       ,

 S4414      S4414       ,

 S4413      S4413       ,

 S4422      S4422       ,

 S4424      S4424       ,

 S4430      S4430       ,

 H2_T1      H2_T1       ,

 H2_T2      H2_T2       ,

 FLR_LSFO   FLR_LSFO    ,

 FLR_SISO   FLR_SISO    ,

 FLR_NISO   FLR_NISO    ,

 FLR_FCC    FLR_FCC     ,

 FLR_ALK    FLR_ALK     ,

 FLR_H2     FLR_H2      ,

 FLR_ROLP   FLR_ROLP    ,

 SB_MS      SB_MS       ,

 SB_BS      SB_BS       ,

 PSC_AS     PSC_AS      ,
```

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*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------


 SRU_GEN    SRU_GEN     ,

 P100B      P100B       ,

 P11        P11         ,

 P15_16     P15_16      ,

 P3         P3          ,

 P3000      P3000       ,

 P302A      P302A       ,

 P302B      P302B       ,

 P351A      P351A       ,

 P351B      P351B       ,

 5H2_GEN    5H2_GEN     ,

 P_PROT     P_PROT      ,

 DWOP       DWOP        ,

 REPDICE    REPDICE     ,

 FCC_PLUS   FCC_PLUS    ,

 PS_17      PS_17       ,

 PS_21      PS_21       ,

 ALKY_FUG   ALKY_FUG    ,

 BERTH_1    BERTH_1     ,

 BERTH_2    BERTH_2     ,
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*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------


 BERTH_3    BERTH_3     ,

 BERTH_4    BERTH_4     ,

 BERTH_9    BERTH_9     ,

 YRD_DIB    YRD_DIB     ,

 P_255      P_255       ,

 S7601      S7601       ,

 NR_GDF     NR_GDF      ,

 REF_FUG    REF_FUG     ,

 S4431      S4431       ,

 T3227      T3227       ,

 T3228      T3228       ,

 S4237      S4237       ,

 CTRLOPA    CTRLOPA     ,

 CTRLOPB    CTRLOPB     ,

 FLR_DR     FLR_DR      ,

 T3217      T3217       ,

 T3218      T3218       ,

 T3222      T3222       ,

 T955       T955        ,

 T3157      T3157       ,
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*** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
*** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                                SOURCE IDs
-----------                                                ----------


 T3158      T3158       ,

 T3159      T3159       ,

 T3160      T3160       ,

 T3161      T3161       ,

 T3162      T3162       ,

 T3163      T3163       ,

 T3164      T3164       ,

 T3165      T3165       ,

 T3166      T3166       ,

 T3167      T3167       ,

 T3168      T3168       ,

 T3169      T3169       ,

 T3171      T3171       ,

 T3172      T3172       ,

 T3232      T3232       ,

 T3233      T3233       ,

 S4283      S4283       ,

 T3219      T3219       ,

 S7544      S7544       ,

 S7545      S7545       ,
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------


  S7546      S7546       ,

  S7547      S7547       ,

  S7548      S7548       ,

  S7549      S7549       ,

  S7550      S7550       ,

  S7551      S7551       ,

  S7552      S7552       ,
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T55	1ST HIGHEST VALUE IS	3.25010 AT (554534.10, 4199525.70, 2.82, 2.82, 1.50)	DC	
	2ND HIGHEST VALUE IS	3.24632 AT (554532.30, 4199553.00, 2.92, 2.92, 1.50)	DC	
	3RD HIGHEST VALUE IS	3.16838 AT (554538.20, 4199475.90, 2.70, 2.70, 1.50)	DC	
	4TH HIGHEST VALUE IS	3.03618 AT (554563.00, 4199536.00, 3.54, 3.54, 1.50)	DC	
	5TH HIGHEST VALUE IS	2.99832 AT (554542.40, 4199426.10, 2.84, 2.84, 1.50)	DC	
	6TH HIGHEST VALUE IS	2.93460 AT (554565.80, 4199589.90, 3.19, 3.19, 1.50)	DC	
	7TH HIGHEST VALUE IS	2.91460 AT (554563.00, 4199436.00, 3.34, 3.34, 1.50)	DC	
	8TH HIGHEST VALUE IS	2.84688 AT (554544.50, 4199390.30, 2.74, 2.74, 1.50)	DC	
	9TH HIGHEST VALUE IS	2.81312 AT (554577.20, 4199609.70, 3.08, 3.08, 1.50)	DC	
	10TH HIGHEST VALUE IS	2.68107 AT (554546.70, 4199354.60, 2.82, 2.82, 1.50)	DC	
T200	1ST HIGHEST VALUE IS	20.82842 AT (552637.50, 4200674.00, 2.75, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	19.82087 AT (552598.10, 4200679.40, 2.46, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	17.37503 AT (552658.40, 4200703.40, 2.24, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	16.15918 AT (552589.30, 4200716.70, 2.20, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	14.71893 AT (552681.60, 4200733.20, 2.03, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	14.60012 AT (552563.00, 4200736.00, 2.40, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	14.38676 AT (552663.00, 4200736.00, 1.27, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	12.92734 AT (552531.20, 4200758.80, 2.56, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	12.34310 AT (552709.00, 4200767.40, 1.97, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	11.05062 AT (552490.60, 4200788.00, 2.62, 149.23, 1.50)	DC	
T397	1ST HIGHEST VALUE IS	3.05777 AT (552598.10, 4200679.40, 2.46, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	2.89646 AT (552637.50, 4200674.00, 2.75, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	2.85583 AT (552563.00, 4200736.00, 2.40, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	2.85563 AT (552589.30, 4200716.70, 2.20, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	2.77509 AT (552531.20, 4200758.80, 2.56, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	2.65298 AT (552658.40, 4200703.40, 2.24, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	2.59155 AT (552490.60, 4200788.00, 2.62, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	2.50751 AT (552257.10, 4199937.50, 104.57, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	2.46181 AT (552681.60, 4200733.20, 2.03, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	2.44928 AT (552663.00, 4200736.00, 1.27, 149.23, 1.50)	DC	
T399	1ST HIGHEST VALUE IS	3.38761 AT (552490.60, 4200788.00, 2.62, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	3.36372 AT (551963.00, 4200036.00, 47.53, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	3.34541 AT (552450.10, 4200817.30, 2.38, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	3.25780 AT (552422.70, 4200836.40, 2.61, 149.23, 1.50)	DC	

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     5TH HIGHEST VALUE IS      3.23940 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      3.14085 AT (  552395.40,  4200855.40,     2.95,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      3.12851 AT (  552463.00,  4200836.00,     1.63,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      2.96882 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      2.94549 AT (  552355.90,  4200882.90,     2.91,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      2.88504 AT (  552318.80,  4200889.10,     2.45,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T679      1ST HIGHEST VALUE IS       2.04748 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.03960 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.02276 AT (  552793.60,  4200815.70,     1.84,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.02061 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.01509 AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.01331 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.01199 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.99832 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.97803 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.96838 AT (  552906.50,  4200855.70,     1.91,   149.23,    1.50)  DC

T984      1ST HIGHEST VALUE IS      23.28287 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      22.05277 AT (  552571.90,  4198497.60,    12.32,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      19.12922 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      16.99174 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      15.44285 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      13.69301 AT (  552602.50,  4198416.30,    11.22,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS      13.05906 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS      12.98037 AT (  552563.00,  4198436.00,    12.37,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS      12.70018 AT (  552579.20,  4198415.40,    10.82,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      12.63272 AT (  552663.00,  4198436.00,    13.09,   149.23,    1.50)  DC

T990      1ST HIGHEST VALUE IS       2.12147 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.11220 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.10642 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.03904 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.02140 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.97137 AT (  552763.00,  4198436.00,    14.98,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.95071 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.90024 AT (  552743.20,  4198419.00,     9.32,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.88667 AT (  552702.50,  4198418.00,    13.38,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.88226 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC

T991      1ST HIGHEST VALUE IS       1.87782 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.86942 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.84937 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.83047 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      1.78587 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      1.77715 AT (  552663.00,  4198436.00,    13.09,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      1.72610 AT (  552659.70,  4198417.20,    12.04,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      1.71288 AT (  552702.50,  4198418.00,    13.38,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      1.71181 AT (  552634.30,  4198417.50,    11.73,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      1.68547 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29821

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T992      1ST HIGHEST VALUE IS       1.82827 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.74166 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.72802 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.72464 AT (  552571.90,  4198497.60,    12.32,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.69620 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.66276 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.66066 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.62911 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.62472 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.62105 AT (  552563.00,  4198436.00,    12.37,   149.23,    1.50)  DC

T1020     1ST HIGHEST VALUE IS      13.58466 AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      13.33696 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      13.12580 AT (  552793.60,  4200815.70,     1.84,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      12.61262 AT (  552906.50,  4200855.70,     1.91,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      12.17894 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      11.68401 AT (  552944.20,  4200869.10,     1.89,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS      11.06958 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS      10.85545 AT (  552763.00,  4200836.00,     0.64,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS      10.68256 AT (  552982.00,  4200882.60,     1.84,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      10.00620 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC

T1287     1ST HIGHEST VALUE IS       1.30082 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.24524 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.24369 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.24148 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.23076 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.22977 AT (  552908.60,  4198503.70,    15.44,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.21979 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.20751 AT (  552763.00,  4198436.00,    14.98,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.20614 AT (  552956.50,  4198518.00,    20.43,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.20037 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC

T1289     1ST HIGHEST VALUE IS       2.72290 AT (  553090.60,  4198532.10,    21.37,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.71115 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.67859 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.63700 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      2.63602 AT (  553089.80,  4198493.50,    25.80,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      2.63596 AT (  553016.10,  4198526.80,    24.29,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      2.62627 AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      2.61426 AT (  553120.60,  4198488.80,    26.99,   144.64,    1.50)  DC
     9TH HIGHEST VALUE IS      2.58881 AT (  553024.60,  4198493.90,    26.02,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      2.52125 AT (  552990.70,  4198489.50,    27.02,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29822

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T1292     1ST HIGHEST VALUE IS       1.52356 AT (  553090.60,  4198532.10,    21.37,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.50411 AT (  553120.60,  4198488.80,    26.99,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS       1.50253 AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.47731 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.45478 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
          6TH HIGHEST VALUE IS       1.45043 AT (  553089.80,  4198493.50,    25.80,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.42172 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.42075 AT (  553231.80,  4198243.60,    39.29,    51.17,    1.50)  DC
          9TH HIGHEST VALUE IS       1.40274 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.39943 AT (  553194.20,  4198233.40,    34.86,    51.17,    1.50)  DC

T1296     1ST HIGHEST VALUE IS       3.64613 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.50043 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.39285 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.36512 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.21758 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.19920 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.86395 AT (  552188.30,  4200037.50,   104.79,   119.51,    1.50)  DC
          8TH HIGHEST VALUE IS       1.86374 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.81740 AT (  552163.00,  4199936.00,   100.29,   122.66,    1.50)  DC
         10TH HIGHEST VALUE IS       1.67531 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC

T1297     1ST HIGHEST VALUE IS       4.53789 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.43916 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.29004 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       4.04273 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       4.04245 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.84682 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.80585 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.70784 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.56136 AT (  552793.60,  4200815.70,     1.84,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.49753 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC

T1455     1ST HIGHEST VALUE IS       4.29477 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       4.14727 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.48111 AT (  552395.40,  4200855.40,     2.95,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.32148 AT (  552422.70,  4200836.40,     2.61,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      3.29193 AT (  552355.90,  4200882.90,     2.91,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      3.26019 AT (  552318.80,  4200889.10,     2.45,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      3.23437 AT (  551863.00,  4200136.00,    59.69,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      3.06867 AT (  552277.00,  4200904.10,     3.72,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      2.95332 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      2.89510 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29823

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T1459     1ST HIGHEST VALUE IS       1.13576 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.12137 AT (  551791.20,  4199255.00,     4.85,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.12131 AT (  551815.30,  4199278.50,     5.15,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.11750 AT (  551814.70,  4199302.20,     2.72,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.11434 AT (  551743.90,  4199239.60,     0.85,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.11064 AT (  551760.70,  4199202.80,     1.39,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.10746 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.10734 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.10712 AT (  551763.00,  4199336.00,    -0.30,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.10401 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC

T1488     1ST HIGHEST VALUE IS       1.44295 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.34499 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          3RD HIGHEST VALUE IS       1.26893 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.14157 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.00456 AT (  552209.00,  4200007.50,   117.37,   119.51,    1.50)  DC
          6TH HIGHEST VALUE IS       0.95309 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
          7TH HIGHEST VALUE IS       0.85955 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          8TH HIGHEST VALUE IS       0.75436 AT (  552139.80,  4200108.20,   113.78,   113.78,    1.50)  DC
          9TH HIGHEST VALUE IS       0.66923 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.66021 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC

T1489     1ST HIGHEST VALUE IS       1.89780 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.46432 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.39697 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          4TH HIGHEST VALUE IS       1.11439 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.11386 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.03903 AT (  552163.00,  4200036.00,   111.78,   119.51,    1.50)  DC
          7TH HIGHEST VALUE IS       1.02593 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
          8TH HIGHEST VALUE IS       0.97273 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          9TH HIGHEST VALUE IS       0.92537 AT (  552117.00,  4200141.30,   112.17,   114.10,    1.50)  DC
         10TH HIGHEST VALUE IS       0.92357 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC

T1491     1ST HIGHEST VALUE IS       1.25472 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.23933 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.22951 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          4TH HIGHEST VALUE IS       1.22270 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      1.21516 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      1.19514 AT (  552209.00,  4200007.50,   117.37,   119.51,    1.50)  DC
     7TH HIGHEST VALUE IS      1.19285 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      1.18955 AT (  552413.10,  4198547.80,    12.37,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      1.18421 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
    10TH HIGHEST VALUE IS      1.18003 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29824

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T1492     1ST HIGHEST VALUE IS       1.88992 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.85832 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.85219 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.81894 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.81836 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.73580 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          7TH HIGHEST VALUE IS       1.63841 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          8TH HIGHEST VALUE IS       1.52224 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          9TH HIGHEST VALUE IS       1.50650 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
         10TH HIGHEST VALUE IS       1.47407 AT (  552209.00,  4200007.50,   117.37,   119.51,    1.50)  DC

T1493     1ST HIGHEST VALUE IS       1.75822 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.64468 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.62375 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.61704 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.59674 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.47045 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          7TH HIGHEST VALUE IS       1.35748 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          8TH HIGHEST VALUE IS       1.35540 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.33605 AT (  552137.70,  4199557.80,    28.95,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.32838 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC

T1504     1ST HIGHEST VALUE IS     121.26250 AT (  552702.50,  4198418.00,    13.38,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      60.97643 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      56.82798 AT (  552663.00,  4198436.00,    13.09,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      51.93580 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      33.86978 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      26.51494 AT (  552659.70,  4198417.20,    12.04,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS      25.44078 AT (  552763.00,  4198436.00,    14.98,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS      24.96144 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS      17.10391 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      13.07626 AT (  552704.10,  4198284.10,     0.96,   149.23,    1.50)  DC

T1514     1ST HIGHEST VALUE IS       3.41366 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.19351 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.40888 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.90996 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      1.89480 AT (  552188.30,  4200037.50,   104.79,   119.51,    1.50)  DC
     6TH HIGHEST VALUE IS      1.88683 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      1.70673 AT (  552163.00,  4199936.00,   100.29,   122.66,    1.50)  DC
     8TH HIGHEST VALUE IS      1.63035 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      1.53751 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      1.47303 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29825

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T1518     1ST HIGHEST VALUE IS       1.61760 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.46818 AT (  552571.90,  4198497.60,    12.32,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.46346 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.45560 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.45103 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.42094 AT (  552563.00,  4198436.00,    12.37,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.41647 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.40407 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.40242 AT (  552579.20,  4198415.40,    10.82,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.39896 AT (  552602.50,  4198416.30,    11.22,   149.23,    1.50)  DC

T1635     1ST HIGHEST VALUE IS       9.08836 AT (  553881.50,  4198531.70,     3.24,     3.24,    1.50)  DC
          2ND HIGHEST VALUE IS       9.08625 AT (  553901.90,  4198513.60,     3.32,     3.32,    1.50)  DC
          3RD HIGHEST VALUE IS       8.99053 AT (  553929.90,  4198488.90,     3.08,     3.08,    1.50)  DC
          4TH HIGHEST VALUE IS       8.96298 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
          5TH HIGHEST VALUE IS       8.79018 AT (  553863.00,  4198536.00,     3.27,     3.27,    1.50)  DC
          6TH HIGHEST VALUE IS       8.33340 AT (  553957.80,  4198464.30,     3.17,     3.17,    1.50)  DC
          7TH HIGHEST VALUE IS       8.14801 AT (  553832.60,  4198518.70,     3.20,     3.20,    1.50)  DC
          8TH HIGHEST VALUE IS       7.67310 AT (  553963.00,  4198436.00,     3.22,     3.22,    1.50)  DC
          9TH HIGHEST VALUE IS       7.56376 AT (  553985.80,  4198439.60,     3.14,     3.14,    1.50)  DC
         10TH HIGHEST VALUE IS       7.49981 AT (  553863.00,  4198436.00,     3.21,     3.21,    1.50)  DC

T1636     1ST HIGHEST VALUE IS       8.37499 AT (  553901.90,  4198513.60,     3.32,     3.32,    1.50)  DC
          2ND HIGHEST VALUE IS       8.25206 AT (  553929.90,  4198488.90,     3.08,     3.08,    1.50)  DC
          3RD HIGHEST VALUE IS       8.22851 AT (  553881.50,  4198531.70,     3.24,     3.24,    1.50)  DC
          4TH HIGHEST VALUE IS       7.85233 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
          5TH HIGHEST VALUE IS       7.69132 AT (  553863.00,  4198536.00,     3.27,     3.27,    1.50)  DC
          6TH HIGHEST VALUE IS       7.65794 AT (  553957.80,  4198464.30,     3.17,     3.17,    1.50)  DC
          7TH HIGHEST VALUE IS       6.91831 AT (  553963.00,  4198436.00,     3.22,     3.22,    1.50)  DC
          8TH HIGHEST VALUE IS       6.90857 AT (  553985.80,  4198439.60,     3.14,     3.14,    1.50)  DC
          9TH HIGHEST VALUE IS       6.86542 AT (  553832.60,  4198518.70,     3.20,     3.20,    1.50)  DC
         10TH HIGHEST VALUE IS       6.37403 AT (  553960.70,  4198409.90,     3.17,     3.17,    1.50)  DC

T1637     1ST HIGHEST VALUE IS       9.58159 AT (  553881.50,  4198531.70,     3.24,     3.24,    1.50)  DC
          2ND HIGHEST VALUE IS       9.56799 AT (  553901.90,  4198513.60,     3.32,     3.32,    1.50)  DC
          3RD HIGHEST VALUE IS       9.41036 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
          4TH HIGHEST VALUE IS       9.37273 AT (  553929.90,  4198488.90,     3.08,     3.08,    1.50)  DC
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     5TH HIGHEST VALUE IS      9.24529 AT (  553863.00,  4198536.00,     3.27,     3.27,     1.50)  DC
     6TH HIGHEST VALUE IS      8.58097 AT (  553957.80,  4198464.30,     3.17,     3.17,     1.50)  DC
     7TH HIGHEST VALUE IS      8.54207 AT (  553832.60,  4198518.70,     3.20,     3.20,     1.50)  DC
     8TH HIGHEST VALUE IS      7.87067 AT (  553963.00,  4198436.00,     3.22,     3.22,     1.50)  DC
     9TH HIGHEST VALUE IS      7.86923 AT (  553863.00,  4198436.00,     3.21,     3.21,     1.50)  DC
    10TH HIGHEST VALUE IS      7.75063 AT (  553804.10,  4198487.70,     3.23,     3.23,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29826

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T1653     1ST HIGHEST VALUE IS       2.94961 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.88310 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.88228 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.86121 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.84390 AT (  553016.10,  4198526.80,    24.29,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.78080 AT (  552908.60,  4198503.70,    15.44,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.77209 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       2.77035 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.75997 AT (  552956.50,  4198518.00,    20.43,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.75425 AT (  552976.60,  4198524.00,    22.86,   149.23,    1.50)  DC

T1687     1ST HIGHEST VALUE IS       3.80713 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.74412 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.68001 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.40554 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.24490 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.21506 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.76798 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          8TH HIGHEST VALUE IS       2.71877 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.54542 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
         10TH HIGHEST VALUE IS       2.48685 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC

T1688     1ST HIGHEST VALUE IS       3.43847 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.35558 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.17411 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.13592 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.72597 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.68930 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.51397 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       2.43860 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.39971 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.26205 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC

T1798     1ST HIGHEST VALUE IS       2.61636 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.57616 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.51861 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.19344 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      2.04844 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      2.03924 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      1.99168 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      1.90571 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      1.90207 AT (  552231.60,  4199629.00,    44.10,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      1.79033 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29827

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T1799     1ST HIGHEST VALUE IS       2.97378 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.91383 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.81594 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.68885 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.48855 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.34170 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.32585 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       2.32580 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.12660 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.11816 AT (  552231.60,  4199629.00,    44.10,   149.23,    1.50)  DC

T1843     1ST HIGHEST VALUE IS       2.54670 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.49306 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.39683 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.33700 AT (  552137.70,  4199557.80,    28.95,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.31034 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.29347 AT (  551963.00,  4199636.00,    16.64,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.25594 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       2.24506 AT (  552173.10,  4199584.60,    33.40,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.24085 AT (  552163.00,  4199636.00,    34.26,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.23517 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC

T1894     1ST HIGHEST VALUE IS      12.12061 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
          2ND HIGHEST VALUE IS      12.08760 AT (  553881.50,  4198531.70,     3.24,     3.24,    1.50)  DC
          3RD HIGHEST VALUE IS      11.77127 AT (  553901.90,  4198513.60,     3.32,     3.32,    1.50)  DC
          4TH HIGHEST VALUE IS      11.61165 AT (  553863.00,  4198536.00,     3.27,     3.27,    1.50)  DC
          5TH HIGHEST VALUE IS      11.23430 AT (  553929.90,  4198488.90,     3.08,     3.08,    1.50)  DC
          6TH HIGHEST VALUE IS      10.25090 AT (  553957.80,  4198464.30,     3.17,     3.17,    1.50)  DC
          7TH HIGHEST VALUE IS      10.14751 AT (  553832.60,  4198518.70,     3.20,     3.20,    1.50)  DC
          8TH HIGHEST VALUE IS       9.14932 AT (  553963.00,  4198436.00,     3.22,     3.22,    1.50)  DC
          9TH HIGHEST VALUE IS       9.14293 AT (  553985.80,  4198439.60,     3.14,     3.14,    1.50)  DC
         10TH HIGHEST VALUE IS       9.03077 AT (  554385.90,  4198769.50,     2.66,     2.66,    1.50)  DC

T1899     1ST HIGHEST VALUE IS      13.23219 AT (  552880.80,  4198448.60,    26.28,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      12.26247 AT (  552841.10,  4198438.10,    18.79,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      10.12393 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      10.02987 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      9.37111 AT (  552912.40,  4198464.20,    28.03,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      8.84208 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      8.80926 AT (  552801.30,  4198427.60,    11.80,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      7.81450 AT (  552908.60,  4198503.70,    15.44,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      6.39920 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      6.12257 AT (  552945.60,  4198476.10,    28.65,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29828

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T1966     1ST HIGHEST VALUE IS       4.27455 AT (  552976.60,  4198524.00,    22.86,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.10327 AT (  552956.50,  4198518.00,    20.43,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.69677 AT (  553016.10,  4198526.80,    24.29,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.66957 AT (  552990.70,  4198489.50,    27.02,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.57388 AT (  552945.60,  4198476.10,    28.65,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.19742 AT (  553024.60,  4198493.90,    26.02,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.15578 AT (  552908.60,  4198503.70,    15.44,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.07612 AT (  552912.40,  4198464.20,    28.03,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.74662 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.58538 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC

T3071     1ST HIGHEST VALUE IS       4.87249 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.53586 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.33398 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       4.07799 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.77779 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.33355 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          7TH HIGHEST VALUE IS       3.04856 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          8TH HIGHEST VALUE IS       3.01211 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.54510 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
         10TH HIGHEST VALUE IS       2.49669 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC

T3072     1ST HIGHEST VALUE IS       1.49029 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.36878 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.22609 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.00654 AT (  552188.30,  4200037.50,   104.79,   119.51,    1.50)  DC
          5TH HIGHEST VALUE IS       0.85780 AT (  552163.00,  4199936.00,   100.29,   122.66,    1.50)  DC
          6TH HIGHEST VALUE IS       0.75277 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.74906 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          8TH HIGHEST VALUE IS       0.72585 AT (  552023.30,  4200277.50,   105.32,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.67026 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
         10TH HIGHEST VALUE IS       0.66552 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC

T3073     1ST HIGHEST VALUE IS       1.81042 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.73963 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.15791 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.98599 AT (  552188.30,  4200037.50,   104.79,   119.51,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.89417 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
     6TH HIGHEST VALUE IS      0.75212 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
     7TH HIGHEST VALUE IS      0.75189 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
     8TH HIGHEST VALUE IS      0.73916 AT (  552023.30,  4200277.50,   105.32,   134.20,    1.50)  DC
     9TH HIGHEST VALUE IS      0.72618 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      0.71615 AT (  552094.20,  4200174.40,   110.21,   111.93,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29829

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3074     1ST HIGHEST VALUE IS       1.50811 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.50654 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.49940 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.48307 AT (  552663.00,  4198436.00,    13.09,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.47609 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.47521 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.47091 AT (  552634.30,  4198417.50,    11.73,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.46653 AT (  552659.70,  4198417.20,    12.04,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.46337 AT (  552602.50,  4198416.30,    11.22,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.46077 AT (  552571.90,  4198497.60,    12.32,   149.23,    1.50)  DC

T3076     1ST HIGHEST VALUE IS       1.16951 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.91751 AT (  552163.00,  4199736.00,    55.74,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.75573 AT (  552063.00,  4199836.00,    56.48,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.72355 AT (  552908.60,  4198503.70,    15.44,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.72223 AT (  552912.40,  4198464.20,    28.03,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.71982 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.71923 AT (  552945.60,  4198476.10,    28.65,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.71517 AT (  552956.50,  4198518.00,    20.43,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       0.70836 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.70748 AT (  552063.00,  4199736.00,    58.53,   149.23,    1.50)  DC

T3100     1ST HIGHEST VALUE IS       1.93456 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.85436 AT (  552571.90,  4198497.60,    12.32,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.80082 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.79296 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.72652 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.63463 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.57091 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.50688 AT (  552563.00,  4198436.00,    12.37,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.47798 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.43789 AT (  552663.00,  4198436.00,    13.09,   149.23,    1.50)  DC

T3101     1ST HIGHEST VALUE IS       3.57043 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.98684 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.83770 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.58615 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      2.46964 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      2.43926 AT (  552413.10,  4198547.80,    12.37,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      2.12893 AT (  552404.80,  4198519.30,    11.72,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      1.92562 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      1.87688 AT (  552375.00,  4198515.80,    11.60,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      1.67498 AT (  552463.00,  4198436.00,    11.93,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29830

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3102     1ST HIGHEST VALUE IS      2.18495 AT (  552259.70,  4198509.60,    11.31,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      2.15526 AT (  552298.10,  4198511.70,    12.21,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      2.02806 AT (  552231.80,  4198507.40,     5.09,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      1.93337 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      1.85865 AT (  552203.90,  4198505.30,     4.35,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      1.85606 AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS      1.79877 AT (  551987.40,  4199443.70,    43.57,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS      1.78487 AT (  552249.40,  4198462.00,     6.91,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS      1.78174 AT (  552278.20,  4198454.70,    10.90,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      1.68741 AT (  552067.00,  4199504.20,    43.03,   149.23,    1.50)  DC

T3103     1ST HIGHEST VALUE IS      2.04444 AT (  552161.10,  4198508.00,     5.34,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      2.04196 AT (  552118.40,  4198510.70,     5.90,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      2.00753 AT (  551987.40,  4199443.70,    43.57,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      1.93277 AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      1.93077 AT (  551934.30,  4199403.40,    25.74,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      1.90009 AT (  551960.80,  4199423.50,    32.66,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS      1.85397 AT (  552203.90,  4198505.30,     4.35,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS      1.84349 AT (  551963.00,  4199436.00,    35.26,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS      1.84233 AT (  552067.00,  4199504.20,    43.03,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      1.82568 AT (  552075.60,  4198513.40,     5.66,   149.23,    1.50)  DC

T3104     1ST HIGHEST VALUE IS      2.26776 AT (  551934.30,  4199403.40,    25.74,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      2.22880 AT (  551907.70,  4199383.20,    21.10,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      2.19177 AT (  551960.80,  4199423.50,    32.66,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      2.19152 AT (  551815.30,  4199278.50,     5.15,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      2.18422 AT (  551766.20,  4199157.50,     5.39,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      2.18290 AT (  551987.40,  4199443.70,    43.57,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS      2.16906 AT (  551880.50,  4199362.50,    15.69,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS      2.15899 AT (  551791.20,  4199255.00,     4.85,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS      2.10439 AT (  551963.00,  4199436.00,    35.26,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      2.09727 AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC

T3105     1ST HIGHEST VALUE IS      2.94473 AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      2.90253 AT (  551987.40,  4199443.70,    43.57,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      2.89514 AT (  551960.80,  4199423.50,    32.66,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      2.87704 AT (  551934.30,  4199403.40,    25.74,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      2.75204 AT (  551963.00,  4199436.00,    35.26,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      2.67995 AT (  551907.70,  4199383.20,    21.10,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      2.56741 AT (  552067.00,  4199504.20,    43.03,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      2.47359 AT (  551880.50,  4199362.50,    15.69,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      2.36448 AT (  552102.40,  4199531.00,    29.38,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      2.31806 AT (  552063.00,  4199536.00,    26.64,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T3106	1ST HIGHEST VALUE IS	3.55391 AT (551815.30, 4199278.50, 5.15, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	3.44541 AT (551791.20, 4199255.00, 4.85, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	3.35353 AT (551880.50, 4199362.50, 15.69, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	3.35035 AT (551907.70, 4199383.20, 21.10, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	3.31955 AT (551814.70, 4199302.20, 2.72, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	3.29932 AT (551934.30, 4199403.40, 25.74, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	3.21203 AT (551859.80, 4199360.20, 11.38, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	3.11249 AT (551960.80, 4199423.50, 32.66, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	3.07530 AT (551760.70, 4199202.80, 1.39, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	3.04382 AT (551766.20, 4199157.50, 5.39, 149.23, 1.50)	DC	
T3107	1ST HIGHEST VALUE IS	4.90345 AT (551960.80, 4199423.50, 32.66, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	4.88982 AT (551934.30, 4199403.40, 25.74, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	4.83702 AT (551907.70, 4199383.20, 21.10, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	4.65854 AT (551880.50, 4199362.50, 15.69, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	4.53821 AT (551963.00, 4199436.00, 35.26, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	4.29874 AT (551859.80, 4199360.20, 11.38, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	4.17597 AT (551987.40, 4199443.70, 43.57, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	4.11258 AT (552027.20, 4199474.00, 50.20, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	3.71236 AT (551814.70, 4199302.20, 2.72, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	3.70201 AT (551815.30, 4199278.50, 5.15, 149.23, 1.50)	DC	
T3110	1ST HIGHEST VALUE IS	3.48581 AT (554532.30, 4199553.00, 2.92, 2.92, 1.50)	DC	
	2ND HIGHEST VALUE IS	3.46459 AT (554538.20, 4199475.90, 2.70, 2.70, 1.50)	DC	
	3RD HIGHEST VALUE IS	3.44057 AT (554534.10, 4199525.70, 2.82, 2.82, 1.50)	DC	
	4TH HIGHEST VALUE IS	3.39788 AT (554542.40, 4199426.10, 2.84, 2.84, 1.50)	DC	
	5TH HIGHEST VALUE IS	3.32828 AT (554563.00, 4199436.00, 3.34, 3.34, 1.50)	DC	
	6TH HIGHEST VALUE IS	3.26892 AT (554563.00, 4199536.00, 3.54, 3.54, 1.50)	DC	
	7TH HIGHEST VALUE IS	3.11664 AT (554544.50, 4199390.30, 2.74, 2.74, 1.50)	DC	
	8TH HIGHEST VALUE IS	3.11527 AT (554565.80, 4199589.90, 3.19, 3.19, 1.50)	DC	
	9TH HIGHEST VALUE IS	2.96407 AT (554546.70, 4199354.60, 2.82, 2.82, 1.50)	DC	
	10TH HIGHEST VALUE IS	2.88293 AT (554548.80, 4199318.80, 2.96, 2.96, 1.50)	DC	
T3111	1ST HIGHEST VALUE IS	3.51492 AT (554532.30, 4199553.00, 2.92, 2.92, 1.50)	DC	
	2ND HIGHEST VALUE IS	3.47483 AT (554538.20, 4199475.90, 2.70, 2.70, 1.50)	DC	
	3RD HIGHEST VALUE IS	3.46380 AT (554534.10, 4199525.70, 2.82, 2.82, 1.50)	DC	
	4TH HIGHEST VALUE IS	3.31086 AT (554542.40, 4199426.10, 2.84, 2.84, 1.50)	DC	

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     5TH HIGHEST VALUE IS      3.29242 AT (  554563.00,  4199536.00,     3.54,     3.54,     1.50)  DC
     6TH HIGHEST VALUE IS      3.28284 AT (  554563.00,  4199436.00,     3.34,     3.34,     1.50)  DC
     7TH HIGHEST VALUE IS      3.15287 AT (  554565.80,  4199589.90,     3.19,     3.19,     1.50)  DC
     8TH HIGHEST VALUE IS      2.95178 AT (  554544.50,  4199390.30,     2.74,     2.74,     1.50)  DC
     9TH HIGHEST VALUE IS      2.90650 AT (  554577.20,  4199609.70,     3.08,     3.08,     1.50)  DC
    10TH HIGHEST VALUE IS      2.76597 AT (  554663.00,  4199536.00,     3.61,     3.61,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3126     1ST HIGHEST VALUE IS       2.36573 AT (  553692.50,  4198532.20,     3.11,     3.11,    1.50)  DC
          2ND HIGHEST VALUE IS       2.34893 AT (  553523.60,  4198451.30,     3.80,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS       2.31873 AT (  553620.50,  4198473.60,     3.11,    51.17,    1.50)  DC
          4TH HIGHEST VALUE IS       2.31673 AT (  553665.80,  4198502.10,     3.18,    50.94,    1.50)  DC
          5TH HIGHEST VALUE IS       2.27805 AT (  553472.40,  4198417.90,     3.94,   144.64,    1.50)  DC
          6TH HIGHEST VALUE IS       2.27499 AT (  553639.10,  4198471.90,     3.14,    51.17,    1.50)  DC
          7TH HIGHEST VALUE IS       2.27490 AT (  553546.60,  4198431.30,     3.53,   144.64,    1.50)  DC
          8TH HIGHEST VALUE IS       2.27428 AT (  553489.80,  4198417.90,     3.82,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       2.26420 AT (  553595.00,  4198442.50,     3.10,    51.17,    1.50)  DC
         10TH HIGHEST VALUE IS       2.22891 AT (  553720.20,  4198507.00,     3.03,     3.03,    1.50)  DC

T3127     1ST HIGHEST VALUE IS       2.12340 AT (  553692.50,  4198532.20,     3.11,     3.11,    1.50)  DC
          2ND HIGHEST VALUE IS       2.08291 AT (  553720.20,  4198507.00,     3.03,     3.03,    1.50)  DC
          3RD HIGHEST VALUE IS       2.06158 AT (  553665.80,  4198502.10,     3.18,    50.94,    1.50)  DC
          4TH HIGHEST VALUE IS       2.02439 AT (  553747.90,  4198481.90,     2.93,     2.93,    1.50)  DC
          5TH HIGHEST VALUE IS       2.00764 AT (  553639.10,  4198471.90,     3.14,    51.17,    1.50)  DC
          6TH HIGHEST VALUE IS       1.99878 AT (  553620.50,  4198473.60,     3.11,    51.17,    1.50)  DC
          7TH HIGHEST VALUE IS       1.96047 AT (  553663.00,  4198436.00,     3.14,    51.17,    1.50)  DC
          8TH HIGHEST VALUE IS       1.94321 AT (  553832.60,  4198518.70,     3.20,     3.20,    1.50)  DC
          9TH HIGHEST VALUE IS       1.94175 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
         10TH HIGHEST VALUE IS       1.93600 AT (  553595.00,  4198442.50,     3.10,    51.17,    1.50)  DC

T3128     1ST HIGHEST VALUE IS       2.17924 AT (  553692.50,  4198532.20,     3.11,     3.11,    1.50)  DC
          2ND HIGHEST VALUE IS       2.15614 AT (  553720.20,  4198507.00,     3.03,     3.03,    1.50)  DC
          3RD HIGHEST VALUE IS       2.11292 AT (  553665.80,  4198502.10,     3.18,    50.94,    1.50)  DC
          4TH HIGHEST VALUE IS       2.10823 AT (  553747.90,  4198481.90,     2.93,     2.93,    1.50)  DC
          5TH HIGHEST VALUE IS       2.05344 AT (  553639.10,  4198471.90,     3.14,    51.17,    1.50)  DC
          6TH HIGHEST VALUE IS       2.03602 AT (  553620.50,  4198473.60,     3.11,    51.17,    1.50)  DC
          7TH HIGHEST VALUE IS       2.03536 AT (  553832.60,  4198518.70,     3.20,     3.20,    1.50)  DC
          8TH HIGHEST VALUE IS       2.03326 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
          9TH HIGHEST VALUE IS       2.02396 AT (  553804.10,  4198487.70,     3.23,     3.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.02264 AT (  553663.00,  4198436.00,     3.14,    51.17,    1.50)  DC

T3129     1ST HIGHEST VALUE IS       0.73042 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.72753 AT (  553016.10,  4198526.80,    24.29,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.72363 AT (  553090.60,  4198532.10,    21.37,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.71325 AT (  552976.60,  4198524.00,    22.86,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.70547 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      0.69667 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      0.69600 AT (  552956.50,  4198518.00,    20.43,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      0.69491 AT (  553024.60,  4198493.90,    26.02,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      0.68838 AT (  552990.70,  4198489.50,    27.02,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      0.68648 AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3132     1ST HIGHEST VALUE IS       3.54865 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          2ND HIGHEST VALUE IS       3.39448 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.39418 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.95351 AT (  552209.00,  4200007.50,   117.37,   119.51,    1.50)  DC
          5TH HIGHEST VALUE IS       1.90703 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.48619 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
          7TH HIGHEST VALUE IS       1.09063 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          8TH HIGHEST VALUE IS       1.05891 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.03625 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.01293 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC

T3133     1ST HIGHEST VALUE IS       0.87981 AT (  552209.00,  4200007.50,   117.37,   119.51,    1.50)  DC
          2ND HIGHEST VALUE IS       0.84055 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          3RD HIGHEST VALUE IS       0.81159 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.80769 AT (  552188.30,  4200037.50,   104.79,   119.51,    1.50)  DC
          5TH HIGHEST VALUE IS       0.80188 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
          6TH HIGHEST VALUE IS       0.79463 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.79281 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.78489 AT (  552139.80,  4200108.20,   113.78,   113.78,    1.50)  DC
          9TH HIGHEST VALUE IS       0.77008 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
         10TH HIGHEST VALUE IS       0.76803 AT (  552117.00,  4200141.30,   112.17,   114.10,    1.50)  DC

T3134     1ST HIGHEST VALUE IS       1.37183 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.33545 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          3RD HIGHEST VALUE IS       1.33282 AT (  552209.00,  4200007.50,   117.37,   119.51,    1.50)  DC
          4TH HIGHEST VALUE IS       1.30497 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
          5TH HIGHEST VALUE IS       1.28922 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          6TH HIGHEST VALUE IS       1.26686 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          7TH HIGHEST VALUE IS       1.26236 AT (  552188.30,  4200037.50,   104.79,   119.51,    1.50)  DC
          8TH HIGHEST VALUE IS       1.15292 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.13469 AT (  552139.80,  4200108.20,   113.78,   113.78,    1.50)  DC
         10TH HIGHEST VALUE IS       1.09235 AT (  552117.00,  4200141.30,   112.17,   114.10,    1.50)  DC

T3138     1ST HIGHEST VALUE IS       4.05959 AT (  551963.00,  4200036.00,    47.53,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.60030 AT (  552231.60,  4199629.00,    44.10,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.78278 AT (  551763.00,  4200036.00,    44.98,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.59403 AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      1.50552 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      1.50142 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      1.48586 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      1.48433 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      1.44900 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      1.43678 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T3139	1ST HIGHEST VALUE IS	3.19912 AT (552188.30, 4200037.50, 104.79, 119.51, 1.50)	DC	
	2ND HIGHEST VALUE IS	3.08159 AT (552209.00, 4200007.50, 117.37, 119.51, 1.50)	DC	
	3RD HIGHEST VALUE IS	2.76655 AT (552233.10, 4199972.50, 114.55, 119.51, 1.50)	DC	
	4TH HIGHEST VALUE IS	2.68557 AT (552163.00, 4200036.00, 111.78, 119.51, 1.50)	DC	
	5TH HIGHEST VALUE IS	2.63288 AT (552332.40, 4199827.80, 115.49, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	2.61817 AT (552257.10, 4199937.50, 104.57, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	2.59151 AT (552346.50, 4199807.50, 114.21, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	2.52944 AT (552231.60, 4199629.00, 44.10, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	2.48514 AT (552162.50, 4200075.10, 108.79, 119.51, 1.50)	DC	
	10TH HIGHEST VALUE IS	2.48130 AT (551963.00, 4200036.00, 47.53, 149.23, 1.50)	DC	
T3142	1ST HIGHEST VALUE IS	275.34888 AT (552637.50, 4200674.00, 2.75, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	255.42590 AT (552598.10, 4200679.40, 2.46, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	125.29905 AT (552589.30, 4200716.70, 2.20, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	122.37479 AT (552658.40, 4200703.40, 2.24, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	84.37115 AT (552563.00, 4200736.00, 2.40, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	79.66364 AT (552663.00, 4200736.00, 1.27, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	67.52960 AT (552681.60, 4200733.20, 2.03, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	55.33867 AT (552531.20, 4200758.80, 2.56, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	40.43118 AT (552709.00, 4200767.40, 1.97, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	35.17452 AT (552490.60, 4200788.00, 2.62, 149.23, 1.50)	DC	
T3146	1ST HIGHEST VALUE IS	1.88559 AT (552637.50, 4200674.00, 2.75, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	1.88389 AT (552831.00, 4200828.80, 1.73, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	1.88260 AT (552793.60, 4200815.70, 1.84, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	1.88148 AT (552658.40, 4200703.40, 2.24, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	1.88050 AT (552868.80, 4200842.20, 1.85, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	1.87891 AT (552681.60, 4200733.20, 2.03, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	1.87259 AT (552764.70, 4200805.60, 1.86, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	1.86928 AT (552709.00, 4200767.40, 1.97, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	1.86682 AT (552906.50, 4200855.70, 1.91, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	1.86243 AT (552735.80, 4200795.50, 2.15, 149.23, 1.50)	DC	
T3147	1ST HIGHEST VALUE IS	7.19671 AT (552764.70, 4200805.60, 1.86, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	7.19469 AT (552793.60, 4200815.70, 1.84, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	7.13500 AT (552735.80, 4200795.50, 2.15, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	7.04282 AT (552831.00, 4200828.80, 1.73, 149.23, 1.50)	DC	

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     5TH HIGHEST VALUE IS      7.03800 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      6.84436 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      6.67747 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      6.57614 AT (  552906.50,  4200855.70,     1.91,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      6.40408 AT (  552763.00,  4200836.00,     0.64,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      6.25856 AT (  552944.20,  4200869.10,     1.89,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T3148	1ST HIGHEST VALUE IS	2.10332 AT (552906.50, 4200855.70, 1.91, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	2.10137 AT (552944.20, 4200869.10, 1.89, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	2.09453 AT (552868.80, 4200842.20, 1.85, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	2.08986 AT (552982.00, 4200882.60, 1.84, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	2.07409 AT (553029.60, 4200897.90, 2.18, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	2.07342 AT (552831.00, 4200828.80, 1.73, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	2.04384 AT (552793.60, 4200815.70, 1.84, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	2.04229 AT (553077.20, 4200913.20, 2.24, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	2.01899 AT (553793.70, 4200806.60, 1.61, 1.61, 1.50)	DC	
	10TH HIGHEST VALUE IS	2.01633 AT (553754.20, 4200837.20, 1.83, 1.83, 1.50)	DC	
T3170	1ST HIGHEST VALUE IS	4.20226 AT (552450.80, 4198610.20, 15.67, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	4.11649 AT (552421.40, 4198576.20, 13.13, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	3.78377 AT (552298.10, 4198511.70, 12.21, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	3.77262 AT (552413.10, 4198547.80, 12.37, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	3.72632 AT (552336.60, 4198513.70, 11.82, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	3.58297 AT (552375.00, 4198515.80, 11.60, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	3.54882 AT (552259.70, 4198509.60, 11.31, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	3.46644 AT (552404.80, 4198519.30, 11.72, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	3.24451 AT (552482.00, 4198584.60, 15.84, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	3.20358 AT (552231.80, 4198507.40, 5.09, 149.23, 1.50)	DC	
T3180	1ST HIGHEST VALUE IS	0.86706 AT (553016.10, 4198526.80, 24.29, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.86260 AT (552976.60, 4198524.00, 22.86, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.86145 AT (553055.50, 4198529.60, 23.73, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.85504 AT (552990.70, 4198489.50, 27.02, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.85451 AT (552956.50, 4198518.00, 20.43, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.85282 AT (553024.60, 4198493.90, 26.02, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.84927 AT (553090.60, 4198532.10, 21.37, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.84719 AT (552945.60, 4198476.10, 28.65, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.84543 AT (553058.60, 4198498.30, 25.24, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.83430 AT (552912.40, 4198464.20, 28.03, 149.23, 1.50)	DC	
T3182	1ST HIGHEST VALUE IS	2.41871 AT (552263.00, 4199836.00, 96.14, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	1.55891 AT (552163.00, 4199836.00, 98.21, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	1.22275 AT (552335.70, 4199708.00, 90.71, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.91468 AT (552637.50, 4200674.00, 2.75, 149.23, 1.50)	DC	

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 5TH HIGHEST VALUE IS      0.88876 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
 6TH HIGHEST VALUE IS      0.88810 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
 7TH HIGHEST VALUE IS      0.86153 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
 8TH HIGHEST VALUE IS      0.85183 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
 9TH HIGHEST VALUE IS      0.84462 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
10TH HIGHEST VALUE IS      0.83069 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29836

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3185     1ST HIGHEST VALUE IS       0.89651 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.89645 AT (  553090.60,  4198532.10,    21.37,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.89623 AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.87622 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
          5TH HIGHEST VALUE IS       0.87228 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.86241 AT (  553120.60,  4198488.80,    26.99,   144.64,    1.50)  DC
          7TH HIGHEST VALUE IS       0.85314 AT (  553089.80,  4198493.50,    25.80,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.84096 AT (  553151.40,  4198484.10,    23.54,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       0.83770 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.82860 AT (  553239.20,  4198505.00,    20.29,   144.64,    1.50)  DC

T3186     1ST HIGHEST VALUE IS       1.49962 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.31248 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.31040 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.30737 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.30051 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.27443 AT (  552571.90,  4198497.60,    12.32,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.27058 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.24742 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.21114 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.19244 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC

T3189     1ST HIGHEST VALUE IS       0.71094 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.68315 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.68180 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.67926 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.67469 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.65765 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.64219 AT (  552139.80,  4200108.20,   113.78,   113.78,    1.50)  DC
          8TH HIGHEST VALUE IS       0.63967 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       0.63547 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.63416 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC

T3190     1ST HIGHEST VALUE IS       0.60797 AT (  553090.60,  4198532.10,    21.37,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.60682 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.60491 AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.59716 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.59157 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
     6TH HIGHEST VALUE IS      0.57999 AT (  553120.60,  4198488.80,    26.99,   144.64,    1.50)  DC
     7TH HIGHEST VALUE IS      0.57849 AT (  553089.80,  4198493.50,    25.80,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      0.57505 AT (  553016.10,  4198526.80,    24.29,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      0.57373 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      0.57107 AT (  553151.40,  4198484.10,    23.54,   144.64,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29837

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T3191	1ST HIGHEST VALUE IS	1.04839 AT (553263.50, 4198267.60, 46.87, 50.94, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.92243 AT (553055.50, 4198529.60, 23.73, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.90613 AT (553016.10, 4198526.80, 24.29, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.89825 AT (553090.60, 4198532.10, 21.37, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.89820 AT (553314.50, 4198264.80, 46.14, 46.14, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.89726 AT (553089.80, 4198493.50, 25.80, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.89367 AT (553058.60, 4198498.30, 25.24, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.88744 AT (553024.60, 4198493.90, 26.02, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.87614 AT (553120.60, 4198488.80, 26.99, 144.64, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.85975 AT (553121.10, 4198528.60, 18.89, 149.23, 1.50)	DC	
T3193	1ST HIGHEST VALUE IS	0.56724 AT (553090.60, 4198532.10, 21.37, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.56590 AT (553055.50, 4198529.60, 23.73, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.55966 AT (553121.10, 4198528.60, 18.89, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.55755 AT (553016.10, 4198526.80, 24.29, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.55123 AT (553151.60, 4198525.10, 19.76, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.54170 AT (553058.60, 4198498.30, 25.24, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.54163 AT (552976.60, 4198524.00, 22.86, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.53845 AT (553089.80, 4198493.50, 25.80, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.53525 AT (553024.60, 4198493.90, 26.02, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.53275 AT (553120.60, 4198488.80, 26.99, 144.64, 1.50)	DC	
T3194	1ST HIGHEST VALUE IS	2.20347 AT (552270.70, 4199658.70, 55.35, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	1.88430 AT (552163.00, 4199736.00, 55.74, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	1.87745 AT (552027.20, 4199474.00, 50.20, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	1.45952 AT (552063.00, 4199836.00, 56.48, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	1.41824 AT (551963.00, 4200036.00, 47.53, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	1.41035 AT (552598.10, 4200679.40, 2.46, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	1.40761 AT (551963.00, 4199936.00, 55.73, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	1.33740 AT (552563.00, 4200736.00, 2.40, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	1.33735 AT (552589.30, 4200716.70, 2.20, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	1.31978 AT (552531.20, 4200758.80, 2.56, 149.23, 1.50)	DC	
T3195	1ST HIGHEST VALUE IS	5.15713 AT (552830.80, 4198480.50, 14.04, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	5.06146 AT (552860.70, 4198489.40, 14.88, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	4.71411 AT (552800.80, 4198471.50, 13.61, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	4.67433 AT (552908.60, 4198503.70, 15.44, 149.23, 1.50)	DC	

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     5TH HIGHEST VALUE IS      4.03033 AT (  552841.10,  4198438.10,    18.79,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      3.99848 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      3.96276 AT (  552912.40,  4198464.20,    28.03,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      3.95656 AT (  552880.80,  4198448.60,    26.28,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      3.73819 AT (  552801.30,  4198427.60,    11.80,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      3.62411 AT (  552763.00,  4198436.00,    14.98,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3196     1ST HIGHEST VALUE IS       3.30872 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.15834 AT (  552163.00,  4199736.00,    55.74,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.13726 AT (  552063.00,  4199836.00,    56.48,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.91335 AT (  551963.00,  4199936.00,    55.73,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.65185 AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.30411 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.24502 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.23022 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.21486 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.18417 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC

T3197     1ST HIGHEST VALUE IS       3.01732 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.82630 AT (  552163.00,  4199736.00,    55.74,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.71135 AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.65479 AT (  552063.00,  4199836.00,    56.48,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.60323 AT (  551963.00,  4199936.00,    55.73,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.31631 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.29507 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.23158 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.20080 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.19667 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC

T3198     1ST HIGHEST VALUE IS       2.39411 AT (  552945.60,  4198476.10,    28.65,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.12862 AT (  552990.70,  4198489.50,    27.02,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.12179 AT (  552912.40,  4198464.20,    28.03,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.96259 AT (  553024.60,  4198493.90,    26.02,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.91560 AT (  553120.60,  4198488.80,    26.99,   144.64,    1.50)  DC
          6TH HIGHEST VALUE IS       1.84654 AT (  553089.80,  4198493.50,    25.80,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.84457 AT (  553016.10,  4198526.80,    24.29,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.84307 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.79598 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.65725 AT (  552880.80,  4198448.60,    26.28,   149.23,    1.50)  DC

T3201     1ST HIGHEST VALUE IS       0.97523 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.92145 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.67211 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.63406 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
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 5TH HIGHEST VALUE IS      0.62569 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
 6TH HIGHEST VALUE IS      0.61913 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
 7TH HIGHEST VALUE IS      0.60445 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
 8TH HIGHEST VALUE IS      0.60426 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
 9TH HIGHEST VALUE IS      0.60083 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
10TH HIGHEST VALUE IS      0.59164 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29839

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3202     1ST HIGHEST VALUE IS       2.68298 AT (  552202.30,  4199606.80,    37.55,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.64507 AT (  551963.00,  4199836.00,    38.35,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.63520 AT (  552163.00,  4199636.00,    34.26,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.14010 AT (  552173.10,  4199584.60,    33.40,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.91396 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.86847 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.77315 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.72219 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.70622 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.65056 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC

T3213     1ST HIGHEST VALUE IS       1.23349 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.95124 AT (  552163.00,  4199736.00,    55.74,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.94381 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.87541 AT (  552063.00,  4199736.00,    58.53,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.80220 AT (  552063.00,  4199836.00,    56.48,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.67242 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.67024 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.66847 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       0.66775 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.66368 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC

T3214     1ST HIGHEST VALUE IS       0.65356 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.65301 AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.65159 AT (  553090.60,  4198532.10,    21.37,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.64205 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
          5TH HIGHEST VALUE IS       0.63817 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.63095 AT (  553120.60,  4198488.80,    26.99,   144.64,    1.50)  DC
          7TH HIGHEST VALUE IS       0.62899 AT (  553089.80,  4198493.50,    25.80,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.62546 AT (  553151.40,  4198484.10,    23.54,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       0.62241 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.62233 AT (  553239.20,  4198505.00,    20.29,   144.64,    1.50)  DC

T3215     1ST HIGHEST VALUE IS      15.06169 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      12.61720 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      10.83241 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      10.48554 AT (  552763.00,  4198436.00,    14.98,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS       9.68475 AT (  552801.30,  4198427.60,    11.80,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS       9.11382 AT (  552768.60,  4198419.00,     9.80,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS       8.91610 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS       8.06382 AT (  552743.20,  4198419.00,     9.32,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS       7.62911 AT (  552841.10,  4198438.10,    18.79,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS       7.01975 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29840

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3216     1ST HIGHEST VALUE IS       2.06681 AT (  552956.50,  4198518.00,    20.43,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.04682 AT (  552976.60,  4198524.00,    22.86,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.00546 AT (  553016.10,  4198526.80,    24.29,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.92098 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.86726 AT (  552908.60,  4198503.70,    15.44,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.85836 AT (  553090.60,  4198532.10,    21.37,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.81524 AT (  552990.70,  4198489.50,    27.02,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.80982 AT (  552945.60,  4198476.10,    28.65,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.80921 AT (  553024.60,  4198493.90,    26.02,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.79822 AT (  552912.40,  4198464.20,    28.03,   149.23,    1.50)  DC

T3220     1ST HIGHEST VALUE IS       5.03688 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       2.69699 AT (  551763.00,  4200336.00,    72.06,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       2.69682 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.57356 AT (  552422.70,  4200836.40,     2.61,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.53253 AT (  552395.40,  4200855.40,     2.95,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.52965 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.36777 AT (  552355.90,  4200882.90,     2.91,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       2.32064 AT (  552463.00,  4200836.00,     1.63,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.30532 AT (  551763.00,  4200236.00,    68.52,   134.20,    1.50)  DC
         10TH HIGHEST VALUE IS       2.29531 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC

T3225     1ST HIGHEST VALUE IS       2.18151 AT (  552163.00,  4199636.00,    34.26,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.00412 AT (  552173.10,  4199584.60,    33.40,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.88479 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.81011 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.77149 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.73415 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.69207 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.64304 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.63833 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.56875 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC

T3226     1ST HIGHEST VALUE IS      64.79976 AT (  552422.70,  4200836.40,     2.61,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      47.22466 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      45.94846 AT (  552395.40,  4200855.40,     2.95,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      32.49186 AT (  552463.00,  4200836.00,     1.63,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      29.40863 AT (  552355.90,  4200882.90,     2.91,   149.23,     1.50)  DC
     6TH HIGHEST VALUE IS      27.43852 AT (  552490.60,  4200788.00,     2.62,   149.23,     1.50)  DC
     7TH HIGHEST VALUE IS      24.46422 AT (  552318.80,  4200889.10,     2.45,   149.23,     1.50)  DC
     8TH HIGHEST VALUE IS      20.71458 AT (  552363.00,  4200936.00,     1.90,   149.23,     1.50)  DC
     9TH HIGHEST VALUE IS      19.36489 AT (  552463.00,  4200936.00,     0.57,   149.23,     1.50)  DC
    10TH HIGHEST VALUE IS      14.21517 AT (  552277.00,  4200904.10,     3.72,   149.23,     1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29841

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T3229	1ST HIGHEST VALUE IS	4.72723 AT (553055.50, 4198529.60, 23.73, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	4.60541 AT (553016.10, 4198526.80, 24.29, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	4.60119 AT (553090.60, 4198532.10, 21.37, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	4.17507 AT (553121.10, 4198528.60, 18.89, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	4.09322 AT (552976.60, 4198524.00, 22.86, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	4.06989 AT (553058.60, 4198498.30, 25.24, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	4.05857 AT (553024.60, 4198493.90, 26.02, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	3.95551 AT (552990.70, 4198489.50, 27.02, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	3.84221 AT (553089.80, 4198493.50, 25.80, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	3.69991 AT (552956.50, 4198518.00, 20.43, 149.23, 1.50)	DC	
T3234	1ST HIGHEST VALUE IS	64.79976 AT (552422.70, 4200836.40, 2.61, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	47.22466 AT (552450.10, 4200817.30, 2.38, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	45.94846 AT (552395.40, 4200855.40, 2.95, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	32.49186 AT (552463.00, 4200836.00, 1.63, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	29.40863 AT (552355.90, 4200882.90, 2.91, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	27.43852 AT (552490.60, 4200788.00, 2.62, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	24.46422 AT (552318.80, 4200889.10, 2.45, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	20.71458 AT (552363.00, 4200936.00, 1.90, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	19.36489 AT (552463.00, 4200936.00, 0.57, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	14.21517 AT (552277.00, 4200904.10, 3.72, 149.23, 1.50)	DC	
D3235	1ST HIGHEST VALUE IS	44.85104 AT (552906.50, 4200855.70, 1.91, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	32.84030 AT (552944.20, 4200869.10, 1.89, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	28.64440 AT (552868.80, 4200842.20, 1.85, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	22.48028 AT (552863.00, 4200936.00, 0.57, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	21.39461 AT (552982.00, 4200882.60, 1.84, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	14.99737 AT (552963.00, 4200936.00, 0.64, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	14.49559 AT (552863.00, 4201036.00, 0.54, 134.20, 1.50)	DC	
	8TH HIGHEST VALUE IS	11.70265 AT (553029.60, 4200897.90, 2.18, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	10.64964 AT (552763.00, 4201036.00, 0.55, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	9.44990 AT (552863.00, 4201136.00, 0.50, 134.20, 1.50)	DC	
P_0040	1ST HIGHEST VALUE IS	0.20413 AT (552303.20, 4199683.40, 73.39, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.19585 AT (553635.60, 4200929.10, 1.24, 1.24, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.19561 AT (553675.10, 4200898.50, 1.62, 1.62, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.19322 AT (553596.10, 4200959.70, 0.61, 0.61, 1.50)	DC	

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 5TH HIGHEST VALUE IS      0.19254 AT (  553714.60,  4200867.80,     1.87,     1.87,     1.50)  DC
 6TH HIGHEST VALUE IS      0.19233 AT (  553663.00,  4200936.00,     1.84,     1.84,     1.50)  DC
 7TH HIGHEST VALUE IS      0.19206 AT (  552335.70,  4199708.00,    90.71,   149.23,     1.50)  DC
 8TH HIGHEST VALUE IS      0.18912 AT (  553556.60,  4200990.30,     0.38,     0.38,     1.50)  DC
 9TH HIGHEST VALUE IS      0.18791 AT (  553546.70,  4200998.00,     0.38,     0.38,     1.50)  DC
10TH HIGHEST VALUE IS      0.18659 AT (  553754.20,  4200837.20,     1.83,     1.83,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29842

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

P_0041    1ST HIGHEST VALUE IS       0.20349 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.19735 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          3RD HIGHEST VALUE IS       0.19717 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC
          4TH HIGHEST VALUE IS       0.19465 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
          5TH HIGHEST VALUE IS       0.19414 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC
          6TH HIGHEST VALUE IS       0.19387 AT (  553663.00,  4200936.00,     1.84,     1.84,    1.50)  DC
          7TH HIGHEST VALUE IS       0.19197 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.18970 AT (  553556.60,  4200990.30,     0.38,     0.38,    1.50)  DC
          9TH HIGHEST VALUE IS       0.18897 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
         10TH HIGHEST VALUE IS       0.18842 AT (  553546.70,  4200998.00,     0.38,     0.38,    1.50)  DC

P_0042    1ST HIGHEST VALUE IS       0.22089 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.21702 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.20806 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.20353 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.19672 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.16731 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.15776 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.14428 AT (  552163.00,  4199936.00,   100.29,   122.66,    1.50)  DC
          9TH HIGHEST VALUE IS       0.13955 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.13619 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC

P_0043    1ST HIGHEST VALUE IS       0.22074 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.21688 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.20700 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.20407 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.19699 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.16783 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.15803 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.14454 AT (  552163.00,  4199936.00,   100.29,   122.66,    1.50)  DC
          9TH HIGHEST VALUE IS       0.13991 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.13738 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC

P_0047    1ST HIGHEST VALUE IS       0.42655 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.35050 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.33827 AT (  552063.00,  4199736.00,    58.53,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.33462 AT (  553324.70,  4200993.00,     1.96,     1.96,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.33383 AT (  553362.80,  4201005.30,     2.13,     2.13,     1.50)  DC
     6TH HIGHEST VALUE IS      0.33370 AT (  553286.60,  4200980.70,     2.00,     2.00,     1.50)  DC
     7TH HIGHEST VALUE IS      0.33158 AT (  553248.60,  4200968.50,     2.30,     2.30,     1.50)  DC
     8TH HIGHEST VALUE IS      0.33102 AT (  553404.30,  4201018.60,     2.90,     2.90,     1.50)  DC
     9TH HIGHEST VALUE IS      0.32891 AT (  553432.20,  4201014.50,     2.07,     2.07,     1.50)  DC
    10TH HIGHEST VALUE IS      0.32693 AT (  553210.50,  4200956.20,     2.17,     2.17,     1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29843

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
P_0048	1ST HIGHEST VALUE IS	0.42900 AT (552263.00, 4199736.00, 64.66, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.40907 AT (552270.70, 4199658.70, 55.35, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.37745 AT (552063.00, 4199736.00, 58.53, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.36655 AT (552163.00, 4199736.00, 55.74, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.35781 AT (553324.70, 4200993.00, 1.96, 1.96, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.35774 AT (553286.60, 4200980.70, 2.00, 2.00, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.35639 AT (553248.60, 4200968.50, 2.30, 2.30, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.35607 AT (553362.80, 4201005.30, 2.13, 2.13, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.35225 AT (553210.50, 4200956.20, 2.17, 2.17, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.35220 AT (553404.30, 4201018.60, 2.90, 2.90, 1.50)	DC	
P_0049	1ST HIGHEST VALUE IS	0.26650 AT (552335.70, 4199708.00, 90.71, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.18686 AT (552303.20, 4199683.40, 73.39, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.18669 AT (552263.00, 4199836.00, 96.14, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.16435 AT (552163.00, 4199836.00, 98.21, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.15999 AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.15684 AT (553460.10, 4201010.50, 1.57, 1.57, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.15659 AT (553432.20, 4201014.50, 2.07, 2.07, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.15592 AT (553404.30, 4201018.60, 2.90, 2.90, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.15570 AT (553503.40, 4201004.20, 0.54, 0.54, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.15455 AT (553362.80, 4201005.30, 2.13, 2.13, 1.50)	DC	
P_0055	1ST HIGHEST VALUE IS	0.42407 AT (552335.70, 4199708.00, 90.71, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.31911 AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.29687 AT (552303.20, 4199683.40, 73.39, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.27904 AT (552263.00, 4199836.00, 96.14, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.25064 AT (553460.10, 4201010.50, 1.57, 1.57, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.24941 AT (553432.20, 4201014.50, 2.07, 2.07, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.24909 AT (553503.40, 4201004.20, 0.54, 0.54, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.24747 AT (553404.30, 4201018.60, 2.90, 2.90, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.24521 AT (553546.70, 4200998.00, 0.38, 0.38, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.24487 AT (553556.60, 4200990.30, 0.38, 0.38, 1.50)	DC	
F_1660	1ST HIGHEST VALUE IS	0.50696 AT (552303.20, 4199683.40, 73.39, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.37349 AT (552263.00, 4199736.00, 64.66, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.31609 AT (553432.20, 4201014.50, 2.07, 2.07, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.31550 AT (553460.10, 4201010.50, 1.57, 1.57, 1.50)	DC	

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 5TH HIGHEST VALUE IS      0.31474 AT (  553404.30,  4201018.60,     2.90,     2.90,    1.50)  DC
 6TH HIGHEST VALUE IS      0.31174 AT (  553362.80,  4201005.30,     2.13,     2.13,    1.50)  DC
 7TH HIGHEST VALUE IS      0.30950 AT (  553503.40,  4201004.20,     0.54,     0.54,    1.50)  DC
 8TH HIGHEST VALUE IS      0.30724 AT (  553324.70,  4200993.00,     1.96,     1.96,    1.50)  DC
 9TH HIGHEST VALUE IS      0.30521 AT (  553463.00,  4201036.00,     0.44,     0.44,    1.50)  DC
10TH HIGHEST VALUE IS      0.30243 AT (  553363.00,  4201036.00,     1.75,     1.75,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29844

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

P_0057    1ST HIGHEST VALUE IS       0.11641 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.11576 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          3RD HIGHEST VALUE IS       0.11220 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.11023 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.10447 AT (  552209.00,  4200007.50,   117.37,   119.51,    1.50)  DC
          6TH HIGHEST VALUE IS       0.09861 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
          7TH HIGHEST VALUE IS       0.09595 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          8TH HIGHEST VALUE IS       0.09081 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
          9TH HIGHEST VALUE IS       0.09068 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
         10TH HIGHEST VALUE IS       0.09019 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC

P_0058    1ST HIGHEST VALUE IS       0.11483 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.11427 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
          3RD HIGHEST VALUE IS       0.11075 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.10909 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.10243 AT (  552209.00,  4200007.50,   117.37,   119.51,    1.50)  DC
          6TH HIGHEST VALUE IS       0.09707 AT (  552233.10,  4199972.50,   114.55,   119.51,    1.50)  DC
          7TH HIGHEST VALUE IS       0.09492 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
          8TH HIGHEST VALUE IS       0.09024 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
          9TH HIGHEST VALUE IS       0.09012 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
         10TH HIGHEST VALUE IS       0.08982 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC

F_1160    1ST HIGHEST VALUE IS       0.18826 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.18741 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.17453 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.16374 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.15627 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.15508 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.14499 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.14283 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       0.13022 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
         10TH HIGHEST VALUE IS       0.12597 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC

CTLSFO    1ST HIGHEST VALUE IS       0.49301 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          2ND HIGHEST VALUE IS       0.49277 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC
          3RD HIGHEST VALUE IS       0.48898 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
          4TH HIGHEST VALUE IS       0.48701 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.48019 AT (  553754.20,  4200837.20,     1.83,     1.83,     1.50)  DC
     6TH HIGHEST VALUE IS      0.48003 AT (  553663.00,  4200936.00,     1.84,     1.84,     1.50)  DC
     7TH HIGHEST VALUE IS      0.47840 AT (  553556.60,  4200990.30,     0.38,     0.38,     1.50)  DC
     8TH HIGHEST VALUE IS      0.47713 AT (  553460.10,  4201010.50,     1.57,     1.57,     1.50)  DC
     9TH HIGHEST VALUE IS      0.47643 AT (  553503.40,  4201004.20,     0.54,     0.54,     1.50)  DC
    10TH HIGHEST VALUE IS      0.47572 AT (  553546.70,  4200998.00,     0.38,     0.38,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29845

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

CT4CAT    1ST HIGHEST VALUE IS       0.60526 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
          2ND HIGHEST VALUE IS       0.60365 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
          3RD HIGHEST VALUE IS       0.60164 AT (  553793.70,  4200806.60,     1.61,     1.61,    1.50)  DC
          4TH HIGHEST VALUE IS       0.60112 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC
          5TH HIGHEST VALUE IS       0.59597 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          6TH HIGHEST VALUE IS       0.59402 AT (  553833.20,  4200776.00,     1.85,     1.85,    1.50)  DC
          7TH HIGHEST VALUE IS       0.58359 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC
          8TH HIGHEST VALUE IS       0.57558 AT (  553872.80,  4200745.40,     1.52,     1.52,    1.50)  DC
          9TH HIGHEST VALUE IS       0.57417 AT (  553663.00,  4200936.00,     1.84,     1.84,    1.50)  DC
         10TH HIGHEST VALUE IS       0.56742 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC

P_0098    1ST HIGHEST VALUE IS       0.16785 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.15050 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC
          3RD HIGHEST VALUE IS       0.15000 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          4TH HIGHEST VALUE IS       0.14958 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC
          5TH HIGHEST VALUE IS       0.14821 AT (  553663.00,  4200936.00,     1.84,     1.84,    1.50)  DC
          6TH HIGHEST VALUE IS       0.14819 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
          7TH HIGHEST VALUE IS       0.14797 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.14796 AT (  553556.60,  4200990.30,     0.38,     0.38,    1.50)  DC
          9TH HIGHEST VALUE IS       0.14746 AT (  553546.70,  4200998.00,     0.38,     0.38,    1.50)  DC
         10TH HIGHEST VALUE IS       0.14717 AT (  553503.40,  4201004.20,     0.54,     0.54,    1.50)  DC

P_0099    1ST HIGHEST VALUE IS       0.10597 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.10126 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.10002 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.09930 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.09518 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.08681 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC
          7TH HIGHEST VALUE IS       0.08678 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          8TH HIGHEST VALUE IS       0.08661 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       0.08606 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC
         10TH HIGHEST VALUE IS       0.08599 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC

P_0100    1ST HIGHEST VALUE IS       0.14350 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.12267 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          3RD HIGHEST VALUE IS       0.12241 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC
          4TH HIGHEST VALUE IS       0.12183 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
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 5TH HIGHEST VALUE IS      0.12105 AT (  553596.10,  4200959.70,     0.61,     0.61,     1.50)  DC
 6TH HIGHEST VALUE IS      0.12102 AT (  553663.00,  4200936.00,     1.84,     1.84,     1.50)  DC
 7TH HIGHEST VALUE IS      0.11975 AT (  553754.20,  4200837.20,     1.83,     1.83,     1.50)  DC
 8TH HIGHEST VALUE IS      0.11920 AT (  553556.60,  4200990.30,     0.38,     0.38,     1.50)  DC
 9TH HIGHEST VALUE IS      0.11883 AT (  553763.00,  4200836.00,     1.83,     1.83,     1.50)  DC
10TH HIGHEST VALUE IS      0.11867 AT (  553546.70,  4200998.00,     0.38,     0.38,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29846

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

P_0101    1ST HIGHEST VALUE IS       0.15246 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.13390 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          3RD HIGHEST VALUE IS       0.13346 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
          4TH HIGHEST VALUE IS       0.13319 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC
          5TH HIGHEST VALUE IS       0.13197 AT (  553663.00,  4200936.00,     1.84,     1.84,    1.50)  DC
          6TH HIGHEST VALUE IS       0.13168 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
          7TH HIGHEST VALUE IS       0.13133 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC
          8TH HIGHEST VALUE IS       0.13077 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC
          9TH HIGHEST VALUE IS       0.12993 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.12902 AT (  553556.60,  4200990.30,     0.38,     0.38,    1.50)  DC

S4148     1ST HIGHEST VALUE IS      69.46384 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      64.32626 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      50.10035 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      42.61787 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      32.04339 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      25.07071 AT (  552563.00,  4200836.00,     0.69,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS      22.81829 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS      22.60992 AT (  552463.00,  4200836.00,     1.63,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS      22.17021 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      19.36800 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC

P_0109    1ST HIGHEST VALUE IS       0.98095 AT (  553077.20,  4200913.20,     2.24,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.97283 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.93523 AT (  553063.00,  4200936.00,     1.44,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.92456 AT (  553124.80,  4200928.60,     2.40,     2.40,    1.50)  DC
          5TH HIGHEST VALUE IS       0.91427 AT (  552982.00,  4200882.60,     1.84,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.84363 AT (  552944.20,  4200869.10,     1.89,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.81305 AT (  552963.00,  4200936.00,     0.64,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.81028 AT (  553172.40,  4200943.90,     2.24,     2.24,    1.50)  DC
          9TH HIGHEST VALUE IS       0.80327 AT (  553063.00,  4201036.00,     0.82,   134.20,    1.50)  DC
         10TH HIGHEST VALUE IS       0.75143 AT (  552906.50,  4200855.70,     1.91,   149.23,    1.50)  DC

P_0111    1ST HIGHEST VALUE IS       0.97531 AT (  553077.20,  4200913.20,     2.24,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.96231 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.92829 AT (  553063.00,  4200936.00,     1.44,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.92640 AT (  553124.80,  4200928.60,     2.40,     2.40,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.90135 AT (  552982.00,  4200882.60,     1.84,   149.23,     1.50)  DC
     6TH HIGHEST VALUE IS      0.82940 AT (  552944.20,  4200869.10,     1.89,   149.23,     1.50)  DC
     7TH HIGHEST VALUE IS      0.81775 AT (  553172.40,  4200943.90,     2.24,     2.24,     1.50)  DC
     8TH HIGHEST VALUE IS      0.80171 AT (  552963.00,  4200936.00,     0.64,   149.23,     1.50)  DC
     9TH HIGHEST VALUE IS      0.79781 AT (  553063.00,  4201036.00,     0.82,   134.20,     1.50)  DC
    10TH HIGHEST VALUE IS      0.73806 AT (  553163.00,  4201036.00,     1.02,     1.02,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29847

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

P_4155    1ST HIGHEST VALUE IS       0.51711 AT (  553077.20,  4200913.20,     2.24,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.51657 AT (  553124.80,  4200928.60,     2.40,     2.40,    1.50)  DC
          3RD HIGHEST VALUE IS       0.49957 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.49403 AT (  553063.00,  4200936.00,     1.44,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.48487 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.48359 AT (  553172.40,  4200943.90,     2.24,     2.24,    1.50)  DC
          7TH HIGHEST VALUE IS       0.46236 AT (  552982.00,  4200882.60,     1.84,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.44036 AT (  553063.00,  4201036.00,     0.82,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.43958 AT (  553210.50,  4200956.20,     2.17,     2.17,    1.50)  DC
         10TH HIGHEST VALUE IS       0.43702 AT (  553163.00,  4201036.00,     1.02,     1.02,    1.50)  DC

P_0117    1ST HIGHEST VALUE IS       0.50068 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.49980 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.46047 AT (  551863.00,  4200236.00,    86.01,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.37451 AT (  552863.00,  4200936.00,     0.57,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.36364 AT (  552863.00,  4201036.00,     0.54,   134.20,    1.50)  DC
          6TH HIGHEST VALUE IS       0.35091 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.34962 AT (  552763.00,  4201036.00,     0.55,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.34893 AT (  552763.00,  4200936.00,     0.60,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       0.34076 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.33637 AT (  552863.00,  4201136.00,     0.50,   134.20,    1.50)  DC

P_0311    1ST HIGHEST VALUE IS       0.31627 AT (  552023.30,  4200277.50,   105.32,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.29794 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
          3RD HIGHEST VALUE IS       0.28567 AT (  552071.50,  4200207.50,   109.94,   123.49,    1.50)  DC
          4TH HIGHEST VALUE IS       0.27527 AT (  552002.70,  4200307.50,   112.45,   134.20,    1.50)  DC
          5TH HIGHEST VALUE IS       0.27273 AT (  552094.20,  4200174.40,   110.21,   111.93,    1.50)  DC
          6TH HIGHEST VALUE IS       0.25989 AT (  552117.00,  4200141.30,   112.17,   114.10,    1.50)  DC
          7TH HIGHEST VALUE IS       0.25756 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          8TH HIGHEST VALUE IS       0.24771 AT (  552188.30,  4200037.50,   104.79,   119.51,    1.50)  DC
          9TH HIGHEST VALUE IS       0.24621 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.24532 AT (  552139.80,  4200108.20,   113.78,   113.78,    1.50)  DC

P_0119    1ST HIGHEST VALUE IS       0.51741 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.46366 AT (  551863.00,  4200236.00,    86.01,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.45218 AT (  552863.00,  4201036.00,     0.54,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.44313 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.43474 AT (  552863.00,  4200936.00,     0.57,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      0.42496 AT (  552863.00,  4201136.00,     0.50,   134.20,    1.50)  DC
     7TH HIGHEST VALUE IS      0.42289 AT (  552963.00,  4201036.00,     0.61,   134.20,    1.50)  DC
     8TH HIGHEST VALUE IS      0.40904 AT (  552963.00,  4200936.00,     0.64,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      0.40432 AT (  552763.00,  4201036.00,     0.55,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      0.39785 AT (  552963.00,  4201136.00,     0.57,   134.20,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29848

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

P_0120    1ST HIGHEST VALUE IS       0.50743 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.49535 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.44450 AT (  551863.00,  4200236.00,    86.01,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.37226 AT (  552863.00,  4200936.00,     0.57,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.36149 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.35908 AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.35709 AT (  552763.00,  4200936.00,     0.60,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.35504 AT (  552863.00,  4201036.00,     0.54,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.34869 AT (  552763.00,  4201036.00,     0.55,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.34354 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC

P_0121    1ST HIGHEST VALUE IS       0.27805 AT (  552002.70,  4200307.50,   112.45,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.27678 AT (  552023.30,  4200277.50,   105.32,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.27653 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
          4TH HIGHEST VALUE IS       0.27503 AT (  552071.50,  4200207.50,   109.94,   123.49,    1.50)  DC
          5TH HIGHEST VALUE IS       0.27088 AT (  552094.20,  4200174.40,   110.21,   111.93,    1.50)  DC
          6TH HIGHEST VALUE IS       0.26629 AT (  552117.00,  4200141.30,   112.17,   114.10,    1.50)  DC
          7TH HIGHEST VALUE IS       0.25556 AT (  552139.80,  4200108.20,   113.78,   113.78,    1.50)  DC
          8TH HIGHEST VALUE IS       0.24743 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          9TH HIGHEST VALUE IS       0.23948 AT (  551863.00,  4200336.00,   110.26,   134.20,    1.50)  DC
         10TH HIGHEST VALUE IS       0.23683 AT (  551949.30,  4200354.50,   118.60,   134.20,    1.50)  DC

P_0122    1ST HIGHEST VALUE IS       0.30210 AT (  552002.70,  4200307.50,   112.45,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.29874 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
          3RD HIGHEST VALUE IS       0.29607 AT (  552023.30,  4200277.50,   105.32,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.29593 AT (  552071.50,  4200207.50,   109.94,   123.49,    1.50)  DC
          5TH HIGHEST VALUE IS       0.28777 AT (  552094.20,  4200174.40,   110.21,   111.93,    1.50)  DC
          6TH HIGHEST VALUE IS       0.28189 AT (  552117.00,  4200141.30,   112.17,   114.10,    1.50)  DC
          7TH HIGHEST VALUE IS       0.27129 AT (  552139.80,  4200108.20,   113.78,   113.78,    1.50)  DC
          8TH HIGHEST VALUE IS       0.26102 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
          9TH HIGHEST VALUE IS       0.25527 AT (  551863.00,  4200336.00,   110.26,   134.20,    1.50)  DC
         10TH HIGHEST VALUE IS       0.25270 AT (  551949.30,  4200354.50,   118.60,   134.20,    1.50)  DC

CTISMX    1ST HIGHEST VALUE IS       4.31964 AT (  552944.20,  4200869.10,     1.89,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.17177 AT (  552906.50,  4200855.70,     1.91,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.06054 AT (  552982.00,  4200882.60,     1.84,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.86722 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      3.47457 AT (  553077.20,  4200913.20,     2.24,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      3.34701 AT (  552963.00,  4200936.00,     0.64,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      3.32722 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      3.25662 AT (  553063.00,  4200936.00,     1.44,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      2.96495 AT (  552863.00,  4200936.00,     0.57,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      2.93061 AT (  553124.80,  4200928.60,     2.40,     2.40,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

CTFCC     1ST HIGHEST VALUE IS       4.58251 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.37857 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.10126 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.86965 AT (  552463.00,  4200836.00,     1.63,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.71847 AT (  552422.70,  4200836.40,     2.61,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.60682 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.36796 AT (  552395.40,  4200855.40,     2.95,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.04001 AT (  552563.00,  4200836.00,     0.69,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.93368 AT (  552355.90,  4200882.90,     2.91,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.86175 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC

CTPOLY    1ST HIGHEST VALUE IS       1.55074 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.54009 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.52667 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.50796 AT (  552793.60,  4200815.70,     1.84,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.50060 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.50024 AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.49932 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.48123 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.47451 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.46032 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC

P_0147    1ST HIGHEST VALUE IS       0.81385 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.67749 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.67004 AT (  552793.60,  4200815.70,     1.84,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.66754 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.65919 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.65638 AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.65537 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.64658 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       0.63772 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.63264 AT (  552763.00,  4200836.00,     0.64,   149.23,    1.50)  DC

P_0148    1ST HIGHEST VALUE IS       1.03458 AT (  552063.00,  4199836.00,    56.48,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.96556 AT (  551963.00,  4199936.00,    55.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.93600 AT (  552063.00,  4199736.00,    58.53,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.92696 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS       0.92671 AT (  552793.60,  4200815.70,     1.84,   149.23,     1.50)  DC
     6TH HIGHEST VALUE IS       0.91693 AT (  552735.80,  4200795.50,     2.15,   149.23,     1.50)  DC
     7TH HIGHEST VALUE IS       0.91369 AT (  552709.00,  4200767.40,     1.97,   149.23,     1.50)  DC
     8TH HIGHEST VALUE IS       0.90719 AT (  552163.00,  4199736.00,    55.74,   149.23,     1.50)  DC
     9TH HIGHEST VALUE IS       0.90442 AT (  552681.60,  4200733.20,     2.03,   149.23,     1.50)  DC
    10TH HIGHEST VALUE IS       0.90050 AT (  552831.00,  4200828.80,     1.73,   149.23,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29850

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

CTALK     1ST HIGHEST VALUE IS       2.64642 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.55657 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.38651 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.26171 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.15343 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.14240 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.09679 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.91094 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.90716 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.72649 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC

SRU1_N    1ST HIGHEST VALUE IS       0.78893 AT (  551563.00,  4200336.00,    81.30,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.78044 AT (  551663.00,  4200336.00,    86.35,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.75595 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.75298 AT (  551763.00,  4200336.00,    72.06,   134.20,    1.50)  DC
          5TH HIGHEST VALUE IS       0.74742 AT (  551563.00,  4200436.00,    76.78,   134.20,    1.50)  DC
          6TH HIGHEST VALUE IS       0.71012 AT (  551863.00,  4200236.00,    86.01,   134.20,    1.50)  DC
          7TH HIGHEST VALUE IS       0.59418 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          8TH HIGHEST VALUE IS       0.57758 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.55676 AT (  551563.00,  4200236.00,    72.83,   134.20,    1.50)  DC
         10TH HIGHEST VALUE IS       0.48743 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC

SRU2_N    1ST HIGHEST VALUE IS       0.78097 AT (  551663.00,  4200336.00,    86.35,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.77909 AT (  551563.00,  4200336.00,    81.30,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.76865 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.76255 AT (  551763.00,  4200336.00,    72.06,   134.20,    1.50)  DC
          5TH HIGHEST VALUE IS       0.73607 AT (  551863.00,  4200236.00,    86.01,   134.20,    1.50)  DC
          6TH HIGHEST VALUE IS       0.69645 AT (  551563.00,  4200436.00,    76.78,   134.20,    1.50)  DC
          7TH HIGHEST VALUE IS       0.59213 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          8TH HIGHEST VALUE IS       0.58205 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.56208 AT (  551563.00,  4200236.00,    72.83,   134.20,    1.50)  DC
         10TH HIGHEST VALUE IS       0.48169 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC

SRU3_N    1ST HIGHEST VALUE IS       0.64257 AT (  551863.00,  4200236.00,    86.01,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.63099 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.62672 AT (  551663.00,  4200336.00,    86.35,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.56566 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.55029 AT (  552023.30,  4200277.50,   105.32,   134.20,    1.50)  DC
     6TH HIGHEST VALUE IS      0.46160 AT (  551563.00,  4200336.00,    81.30,   134.20,    1.50)  DC
     7TH HIGHEST VALUE IS      0.43002 AT (  551863.00,  4200336.00,   110.26,   134.20,    1.50)  DC
     8TH HIGHEST VALUE IS      0.42676 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
     9TH HIGHEST VALUE IS      0.42199 AT (  552002.70,  4200307.50,   112.45,   134.20,    1.50)  DC
    10TH HIGHEST VALUE IS      0.37847 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29851

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
LPG	1ST HIGHEST VALUE IS	5.07077 AT (552944.20, 4200869.10, 1.89, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	5.02977 AT (552906.50, 4200855.70, 1.91, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	4.97975 AT (552982.00, 4200882.60, 1.84, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	4.87318 AT (552868.80, 4200842.20, 1.85, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	4.75194 AT (553029.60, 4200897.90, 2.18, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	4.62712 AT (552831.00, 4200828.80, 1.73, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	4.47151 AT (553077.20, 4200913.20, 2.24, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	4.33095 AT (552793.60, 4200815.70, 1.84, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	4.30434 AT (552963.00, 4200936.00, 0.64, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	4.21666 AT (553124.80, 4200928.60, 2.40, 2.40, 1.50)	DC	
FCCU	1ST HIGHEST VALUE IS	0.20824 AT (552209.00, 4200007.50, 117.37, 119.51, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.19514 AT (552139.80, 4200108.20, 113.78, 113.78, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.17922 AT (552233.10, 4199972.50, 114.55, 119.51, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.17439 AT (552163.00, 4200036.00, 111.78, 119.51, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.17067 AT (552117.00, 4200141.30, 112.17, 114.10, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.16608 AT (552162.50, 4200075.10, 108.79, 119.51, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.15713 AT (552305.20, 4199867.50, 116.56, 122.66, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.15249 AT (552332.40, 4199827.80, 115.49, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.14658 AT (552346.50, 4199807.50, 114.21, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.14520 AT (552281.10, 4199902.50, 112.66, 122.66, 1.50)	DC	
P_0215	1ST HIGHEST VALUE IS	0.50337 AT (551863.00, 4200236.00, 86.01, 134.20, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.47221 AT (551663.00, 4200336.00, 86.35, 134.20, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.44485 AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.43280 AT (552063.00, 4200136.00, 89.82, 134.20, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.40255 AT (551563.00, 4200336.00, 81.30, 134.20, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.39050 AT (552863.00, 4201136.00, 0.50, 134.20, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.38026 AT (552863.00, 4201236.00, 0.47, 134.20, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.37345 AT (552763.00, 4201236.00, 0.43, 134.20, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.37316 AT (552763.00, 4201136.00, 0.50, 134.20, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.35824 AT (552863.00, 4201336.00, 1.73, 134.20, 1.50)	DC	
P_0216	1ST HIGHEST VALUE IS	0.62025 AT (552063.00, 4200136.00, 89.82, 134.20, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.61708 AT (551863.00, 4200236.00, 86.01, 134.20, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.58425 AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.44874 AT (551663.00, 4200336.00, 86.35, 134.20, 1.50)	DC	

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 5TH HIGHEST VALUE IS      0.41332 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
 6TH HIGHEST VALUE IS      0.39359 AT (  552763.00,  4200936.00,     0.60,   149.23,    1.50)  DC
 7TH HIGHEST VALUE IS      0.39027 AT (  552763.00,  4201036.00,     0.55,   149.23,    1.50)  DC
 8TH HIGHEST VALUE IS      0.36550 AT (  552763.00,  4201136.00,     0.50,   134.20,    1.50)  DC
 9TH HIGHEST VALUE IS      0.36113 AT (  551563.00,  4200336.00,    81.30,   134.20,    1.50)  DC
10TH HIGHEST VALUE IS      0.35780 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29852

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

P_0217    1ST HIGHEST VALUE IS       0.47128 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.44818 AT (  551863.00,  4200236.00,    86.01,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.39565 AT (  551663.00,  4200336.00,    86.35,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.36196 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.35194 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.34244 AT (  552863.00,  4201136.00,     0.50,   134.20,    1.50)  DC
          7TH HIGHEST VALUE IS       0.34061 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.32916 AT (  552863.00,  4201236.00,     0.47,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.31882 AT (  552863.00,  4201036.00,     0.54,   134.20,    1.50)  DC
         10TH HIGHEST VALUE IS       0.31310 AT (  552963.00,  4201136.00,     0.57,   134.20,    1.50)  DC

F_1650    1ST HIGHEST VALUE IS       1.45885 AT (  552763.00,  4200936.00,     0.60,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.40763 AT (  552763.00,  4201036.00,     0.55,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.32588 AT (  552663.00,  4200936.00,     0.59,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.31162 AT (  552663.00,  4201036.00,     0.54,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.24756 AT (  552763.00,  4201136.00,     0.50,   134.20,    1.50)  DC
          6TH HIGHEST VALUE IS       1.18735 AT (  552663.00,  4201136.00,     0.48,   134.20,    1.50)  DC
          7TH HIGHEST VALUE IS       1.08011 AT (  552763.00,  4201236.00,     0.43,   134.20,    1.50)  DC
          8TH HIGHEST VALUE IS       1.04225 AT (  552663.00,  4201236.00,     0.30,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.98334 AT (  552763.00,  4200836.00,     0.64,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.95854 AT (  552563.00,  4201036.00,     0.52,   149.23,    1.50)  DC

COGEN1    1ST HIGHEST VALUE IS       0.15434 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.13725 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.13524 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.13364 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.12777 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.10814 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.10675 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
          8TH HIGHEST VALUE IS       0.10627 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
          9TH HIGHEST VALUE IS       0.10591 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
         10TH HIGHEST VALUE IS       0.10564 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC

COGEN2    1ST HIGHEST VALUE IS       0.14770 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.13138 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.12944 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.12889 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
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 5TH HIGHEST VALUE IS      0.12320 AT (  552163.00,  4199836.00,    98.21,   149.23,    1.50)  DC
 6TH HIGHEST VALUE IS      0.10557 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
 7TH HIGHEST VALUE IS      0.10555 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
 8TH HIGHEST VALUE IS      0.10507 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC
 9TH HIGHEST VALUE IS      0.10437 AT (  553793.70,  4200806.60,     1.61,     1.61,    1.50)  DC
10TH HIGHEST VALUE IS      0.10431 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29853

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
CTAS	1ST HIGHEST VALUE IS	3.98928 AT (553523.60, 4198451.30, 3.80, 144.64, 1.50)	DC	
	2ND HIGHEST VALUE IS	3.96061 AT (553692.50, 4198532.20, 3.11, 3.11, 1.50)	DC	
	3RD HIGHEST VALUE IS	3.85474 AT (553472.40, 4198417.90, 3.94, 144.64, 1.50)	DC	
	4TH HIGHEST VALUE IS	3.82462 AT (553489.80, 4198417.90, 3.82, 144.64, 1.50)	DC	
	5TH HIGHEST VALUE IS	3.81539 AT (553665.80, 4198502.10, 3.18, 50.94, 1.50)	DC	
	6TH HIGHEST VALUE IS	3.77598 AT (553620.50, 4198473.60, 3.11, 51.17, 1.50)	DC	
	7TH HIGHEST VALUE IS	3.74829 AT (553546.60, 4198431.30, 3.53, 144.64, 1.50)	DC	
	8TH HIGHEST VALUE IS	3.68419 AT (553639.10, 4198471.90, 3.14, 51.17, 1.50)	DC	
	9TH HIGHEST VALUE IS	3.65017 AT (553720.20, 4198507.00, 3.03, 3.03, 1.50)	DC	
	10TH HIGHEST VALUE IS	3.64228 AT (553595.00, 4198442.50, 3.10, 51.17, 1.50)	DC	
S4392	1ST HIGHEST VALUE IS	33.75965 AT (554383.70, 4200584.70, 2.77, 2.77, 1.50)	DC	
	2ND HIGHEST VALUE IS	29.62397 AT (554383.40, 4200602.80, 2.98, 2.98, 1.50)	DC	
	3RD HIGHEST VALUE IS	23.88412 AT (554457.40, 4200411.80, 2.09, 2.09, 1.50)	DC	
	4TH HIGHEST VALUE IS	23.76701 AT (554460.20, 4200363.40, 2.47, 2.47, 1.50)	DC	
	5TH HIGHEST VALUE IS	23.45661 AT (554382.90, 4200636.40, 2.42, 2.42, 1.50)	DC	
	6TH HIGHEST VALUE IS	23.19039 AT (554462.90, 4200314.90, 2.55, 2.55, 1.50)	DC	
	7TH HIGHEST VALUE IS	23.14270 AT (554463.00, 4200336.00, 2.71, 2.71, 1.50)	DC	
	8TH HIGHEST VALUE IS	22.51869 AT (554459.90, 4200447.30, 2.00, 2.00, 1.50)	DC	
	9TH HIGHEST VALUE IS	22.13581 AT (554465.70, 4200266.50, 2.26, 2.26, 1.50)	DC	
	10TH HIGHEST VALUE IS	22.08967 AT (554463.00, 4200436.00, 2.39, 2.39, 1.50)	DC	
BIORCT	1ST HIGHEST VALUE IS	4.44691 AT (554548.30, 4199287.20, 3.27, 3.27, 1.50)	DC	
	2ND HIGHEST VALUE IS	4.43107 AT (554548.80, 4199318.80, 2.96, 2.96, 1.50)	DC	
	3RD HIGHEST VALUE IS	4.38440 AT (554546.70, 4199354.60, 2.82, 2.82, 1.50)	DC	
	4TH HIGHEST VALUE IS	4.29403 AT (554544.50, 4199390.30, 2.74, 2.74, 1.50)	DC	
	5TH HIGHEST VALUE IS	4.28895 AT (554552.50, 4199247.50, 3.19, 3.19, 1.50)	DC	
	6TH HIGHEST VALUE IS	4.16864 AT (554542.40, 4199426.10, 2.84, 2.84, 1.50)	DC	
	7TH HIGHEST VALUE IS	4.16450 AT (554563.00, 4199336.00, 3.22, 3.22, 1.50)	DC	
	8TH HIGHEST VALUE IS	4.15631 AT (553861.10, 4198549.70, 3.22, 3.22, 1.50)	DC	
	9TH HIGHEST VALUE IS	4.04740 AT (553863.00, 4198536.00, 3.27, 3.27, 1.50)	DC	
	10TH HIGHEST VALUE IS	4.01566 AT (554573.40, 4199248.70, 3.22, 3.22, 1.50)	DC	
NSV	1ST HIGHEST VALUE IS	45.82601 AT (552422.70, 4200836.40, 2.61, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	37.52886 AT (552395.40, 4200855.40, 2.95, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	28.82441 AT (552450.10, 4200817.30, 2.38, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	23.51890 AT (552463.00, 4200836.00, 1.63, 149.23, 1.50)	DC	

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     5TH HIGHEST VALUE IS      21.37685 AT (  552355.90,  4200882.90,     2.91,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      19.04965 AT (  552363.00,  4200936.00,     1.90,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      17.84561 AT (  552463.00,  4200936.00,     0.57,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      12.13861 AT (  552318.80,  4200889.10,     2.45,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      11.07971 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      10.68791 AT (  552363.00,  4201036.00,     0.35,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29854

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

S4410     1ST HIGHEST VALUE IS       4.66867 AT (  553692.50,  4198532.20,     3.11,     3.11,    1.50)  DC
          2ND HIGHEST VALUE IS       4.63739 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
          3RD HIGHEST VALUE IS       4.59970 AT (  553832.60,  4198518.70,     3.20,     3.20,    1.50)  DC
          4TH HIGHEST VALUE IS       4.48344 AT (  553863.00,  4198536.00,     3.27,     3.27,    1.50)  DC
          5TH HIGHEST VALUE IS       4.40950 AT (  553720.20,  4198507.00,     3.03,     3.03,    1.50)  DC
          6TH HIGHEST VALUE IS       4.37098 AT (  553804.10,  4198487.70,     3.23,     3.23,    1.50)  DC
          7TH HIGHEST VALUE IS       4.27388 AT (  553665.80,  4198502.10,     3.18,    50.94,    1.50)  DC
          8TH HIGHEST VALUE IS       4.24245 AT (  553881.50,  4198531.70,     3.24,     3.24,    1.50)  DC
          9TH HIGHEST VALUE IS       4.21069 AT (  553747.90,  4198481.90,     2.93,     2.93,    1.50)  DC
         10TH HIGHEST VALUE IS       4.07395 AT (  553523.60,  4198451.30,     3.80,   144.64,    1.50)  DC

S4414     1ST HIGHEST VALUE IS       1.18267 AT (  553872.80,  4200745.40,     1.52,     1.52,    1.50)  DC
          2ND HIGHEST VALUE IS       1.17749 AT (  553912.30,  4200714.80,     1.77,     1.77,    1.50)  DC
          3RD HIGHEST VALUE IS       1.17726 AT (  553833.20,  4200776.00,     1.85,     1.85,    1.50)  DC
          4TH HIGHEST VALUE IS       1.16263 AT (  553793.70,  4200806.60,     1.61,     1.61,    1.50)  DC
          5TH HIGHEST VALUE IS       1.15869 AT (  553951.90,  4200684.20,     1.82,     1.82,    1.50)  DC
          6TH HIGHEST VALUE IS       1.15062 AT (  553963.20,  4200675.40,     1.80,     1.80,    1.50)  DC
          7TH HIGHEST VALUE IS       1.14134 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
          8TH HIGHEST VALUE IS       1.13909 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC
          9TH HIGHEST VALUE IS       1.11499 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
         10TH HIGHEST VALUE IS       1.08836 AT (  553963.00,  4200736.00,     1.70,     1.70,    1.50)  DC

S4413     1ST HIGHEST VALUE IS       1.40215 AT (  553692.50,  4198532.20,     3.11,     3.11,    1.50)  DC
          2ND HIGHEST VALUE IS       1.38024 AT (  553665.80,  4198502.10,     3.18,    50.94,    1.50)  DC
          3RD HIGHEST VALUE IS       1.36401 AT (  553620.50,  4198473.60,     3.11,    51.17,    1.50)  DC
          4TH HIGHEST VALUE IS       1.35869 AT (  553639.10,  4198471.90,     3.14,    51.17,    1.50)  DC
          5TH HIGHEST VALUE IS       1.35799 AT (  553720.20,  4198507.00,     3.03,     3.03,    1.50)  DC
          6TH HIGHEST VALUE IS       1.33476 AT (  553595.00,  4198442.50,     3.10,    51.17,    1.50)  DC
          7TH HIGHEST VALUE IS       1.31368 AT (  553663.00,  4198436.00,     3.14,    51.17,    1.50)  DC
          8TH HIGHEST VALUE IS       1.31087 AT (  553747.90,  4198481.90,     2.93,     2.93,    1.50)  DC
          9TH HIGHEST VALUE IS       1.29732 AT (  553569.50,  4198411.40,     3.24,    63.82,    1.50)  DC
         10TH HIGHEST VALUE IS       1.29386 AT (  553546.60,  4198431.30,     3.53,   144.64,    1.50)  DC

S4422     1ST HIGHEST VALUE IS       4.25772 AT (  553692.50,  4198532.20,     3.11,     3.11,    1.50)  DC
          2ND HIGHEST VALUE IS       4.03043 AT (  553665.80,  4198502.10,     3.18,    50.94,    1.50)  DC
          3RD HIGHEST VALUE IS       3.95858 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
          4TH HIGHEST VALUE IS       3.90502 AT (  553720.20,  4198507.00,     3.03,     3.03,    1.50)  DC
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 5TH HIGHEST VALUE IS      3.90110 AT (  553523.60,  4198451.30,     3.80,   144.64,     1.50)  DC
 6TH HIGHEST VALUE IS      3.88624 AT (  553620.50,  4198473.60,     3.11,    51.17,     1.50)  DC
 7TH HIGHEST VALUE IS      3.82788 AT (  553639.10,  4198471.90,     3.14,    51.17,     1.50)  DC
 8TH HIGHEST VALUE IS      3.82391 AT (  553863.00,  4198536.00,     3.27,     3.27,     1.50)  DC
 9TH HIGHEST VALUE IS      3.76623 AT (  553832.60,  4198518.70,     3.20,     3.20,     1.50)  DC
10TH HIGHEST VALUE IS      3.70998 AT (  553881.50,  4198531.70,     3.24,     3.24,     1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29855

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
S4424	1ST HIGHEST VALUE IS	5.05573 AT (553692.50, 4198532.20, 3.11, 3.11, 1.50)	DC	
	2ND HIGHEST VALUE IS	4.91578 AT (553523.60, 4198451.30, 3.80, 144.64, 1.50)	DC	
	3RD HIGHEST VALUE IS	4.85668 AT (553665.80, 4198502.10, 3.18, 50.94, 1.50)	DC	
	4TH HIGHEST VALUE IS	4.79930 AT (553620.50, 4198473.60, 3.11, 51.17, 1.50)	DC	
	5TH HIGHEST VALUE IS	4.67138 AT (553639.10, 4198471.90, 3.14, 51.17, 1.50)	DC	
	6TH HIGHEST VALUE IS	4.65697 AT (553546.60, 4198431.30, 3.53, 144.64, 1.50)	DC	
	7TH HIGHEST VALUE IS	4.59689 AT (553489.80, 4198417.90, 3.82, 144.64, 1.50)	DC	
	8TH HIGHEST VALUE IS	4.59637 AT (553720.20, 4198507.00, 3.03, 3.03, 1.50)	DC	
	9TH HIGHEST VALUE IS	4.58965 AT (553595.00, 4198442.50, 3.10, 51.17, 1.50)	DC	
	10TH HIGHEST VALUE IS	4.58481 AT (553472.40, 4198417.90, 3.94, 144.64, 1.50)	DC	
S4430	1ST HIGHEST VALUE IS	6.70594 AT (553172.40, 4200943.90, 2.24, 2.24, 1.50)	DC	
	2ND HIGHEST VALUE IS	6.61989 AT (553210.50, 4200956.20, 2.17, 2.17, 1.50)	DC	
	3RD HIGHEST VALUE IS	6.32548 AT (553124.80, 4200928.60, 2.40, 2.40, 1.50)	DC	
	4TH HIGHEST VALUE IS	6.26032 AT (553248.60, 4200968.50, 2.30, 2.30, 1.50)	DC	
	5TH HIGHEST VALUE IS	5.76009 AT (553286.60, 4200980.70, 2.00, 2.00, 1.50)	DC	
	6TH HIGHEST VALUE IS	5.41052 AT (553077.20, 4200913.20, 2.24, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	5.12147 AT (553324.70, 4200993.00, 1.96, 1.96, 1.50)	DC	
	8TH HIGHEST VALUE IS	4.83434 AT (553063.00, 4200936.00, 1.44, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	4.67601 AT (553263.00, 4201036.00, 1.78, 1.78, 1.50)	DC	
	10TH HIGHEST VALUE IS	4.57172 AT (553163.00, 4201036.00, 1.02, 1.02, 1.50)	DC	
H2_T1	1ST HIGHEST VALUE IS	0.20988 AT (552368.20, 4199732.70, 106.73, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.20614 AT (552363.00, 4199736.00, 105.93, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.20412 AT (552374.00, 4199767.50, 113.21, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.18974 AT (552346.50, 4199807.50, 114.21, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.18305 AT (552332.40, 4199827.80, 115.49, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.15980 AT (552257.10, 4199937.50, 104.57, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.15352 AT (552305.20, 4199867.50, 116.56, 122.66, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.15185 AT (552281.10, 4199902.50, 112.66, 122.66, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.14384 AT (552335.70, 4199708.00, 90.71, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.13923 AT (552263.00, 4199836.00, 96.14, 149.23, 1.50)	DC	
H2_T2	1ST HIGHEST VALUE IS	0.25047 AT (552368.20, 4199732.70, 106.73, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.24666 AT (552363.00, 4199736.00, 105.93, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.23719 AT (552374.00, 4199767.50, 113.21, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.21178 AT (552346.50, 4199807.50, 114.21, 149.23, 1.50)	DC	

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     5TH HIGHEST VALUE IS      0.19914 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      0.18412 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      0.16317 AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      0.16059 AT (  552305.20,  4199867.50,   116.56,   122.66,    1.50)  DC
     9TH HIGHEST VALUE IS      0.15978 AT (  552263.00,  4199836.00,    96.14,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      0.15542 AT (  552281.10,  4199902.50,   112.66,   122.66,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29856

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

FLR_LSFO  1ST HIGHEST VALUE IS       0.73956 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.37524 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.36181 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       0.35883 AT (  553714.60,  4200867.80,     1.87,     1.87,    1.50)  DC
          5TH HIGHEST VALUE IS       0.35587 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          6TH HIGHEST VALUE IS       0.35302 AT (  553754.20,  4200837.20,     1.83,     1.83,    1.50)  DC
          7TH HIGHEST VALUE IS       0.34919 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC
          8TH HIGHEST VALUE IS       0.34900 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       0.34675 AT (  553663.00,  4200936.00,     1.84,     1.84,    1.50)  DC
         10TH HIGHEST VALUE IS       0.34604 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC

FLR_SISO  1ST HIGHEST VALUE IS       0.93797 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.87104 AT (  551763.00,  4200236.00,    68.52,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.84150 AT (  551763.00,  4200336.00,    72.06,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.80985 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       0.65639 AT (  551563.00,  4200236.00,    72.83,   134.20,    1.50)  DC
          6TH HIGHEST VALUE IS       0.60758 AT (  552863.00,  4201136.00,     0.50,   134.20,    1.50)  DC
          7TH HIGHEST VALUE IS       0.58571 AT (  552863.00,  4201236.00,     0.47,   134.20,    1.50)  DC
          8TH HIGHEST VALUE IS       0.54658 AT (  552863.00,  4201336.00,     1.73,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.54618 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.52423 AT (  552763.00,  4201236.00,     0.43,   134.20,    1.50)  DC

FLR_NISO  1ST HIGHEST VALUE IS       0.98856 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.88291 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.87764 AT (  551763.00,  4200236.00,    68.52,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.87107 AT (  551763.00,  4200336.00,    72.06,   134.20,    1.50)  DC
          5TH HIGHEST VALUE IS       0.69299 AT (  551563.00,  4200236.00,    72.83,   134.20,    1.50)  DC
          6TH HIGHEST VALUE IS       0.55881 AT (  552963.00,  4201136.00,     0.57,   134.20,    1.50)  DC
          7TH HIGHEST VALUE IS       0.53625 AT (  552963.00,  4201236.00,     1.65,   134.08,    1.50)  DC
          8TH HIGHEST VALUE IS       0.51904 AT (  552863.00,  4201136.00,     0.50,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.50841 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.50534 AT (  553063.00,  4201136.00,     0.75,     0.75,    1.50)  DC

FLR_FCC   1ST HIGHEST VALUE IS       0.80163 AT (  551563.00,  4200436.00,    76.78,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       0.79441 AT (  551763.00,  4200336.00,    72.06,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.66708 AT (  551563.00,  4200236.00,    72.83,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.64742 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
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     5TH HIGHEST VALUE IS      0.62932 AT (  551563.00,  4200336.00,    81.30,   134.20,    1.50)  DC
     6TH HIGHEST VALUE IS      0.60794 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      0.54261 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      0.47527 AT (  551763.00,  4200236.00,    68.52,   134.20,    1.50)  DC
     9TH HIGHEST VALUE IS      0.46837 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      0.45324 AT (  552863.00,  4201236.00,     0.47,   134.20,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29857

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

FLR_ALK   1ST HIGHEST VALUE IS       1.26941 AT (  551763.00,  4200336.00,    72.06,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       1.26330 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       1.03405 AT (  551763.00,  4200236.00,    68.52,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.97021 AT (  551563.00,  4200236.00,    72.83,   134.20,    1.50)  DC
          5TH HIGHEST VALUE IS       0.94844 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.71948 AT (  551563.00,  4200436.00,    76.78,   134.20,    1.50)  DC
          7TH HIGHEST VALUE IS       0.66073 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.50192 AT (  552763.00,  4201136.00,     0.50,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.49553 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.48313 AT (  552763.00,  4201236.00,     0.43,   134.20,    1.50)  DC

FLR_H2    1ST HIGHEST VALUE IS       0.01991 AT (  553404.30,  4201018.60,     2.90,     2.90,    1.50)  DC
          2ND HIGHEST VALUE IS       0.01979 AT (  553362.80,  4201005.30,     2.13,     2.13,    1.50)  DC
          3RD HIGHEST VALUE IS       0.01967 AT (  553363.00,  4201036.00,     1.75,     1.75,    1.50)  DC
          4TH HIGHEST VALUE IS       0.01961 AT (  553432.20,  4201014.50,     2.07,     2.07,    1.50)  DC
          5TH HIGHEST VALUE IS       0.01946 AT (  553324.70,  4200993.00,     1.96,     1.96,    1.50)  DC
          6TH HIGHEST VALUE IS       0.01918 AT (  553460.10,  4201010.50,     1.57,     1.57,    1.50)  DC
          7TH HIGHEST VALUE IS       0.01914 AT (  553463.00,  4201136.00,     1.89,     1.89,    1.50)  DC
          8TH HIGHEST VALUE IS       0.01911 AT (  553363.00,  4201136.00,     0.29,     0.29,    1.50)  DC
          9TH HIGHEST VALUE IS       0.01902 AT (  553463.00,  4201036.00,     0.44,     0.44,    1.50)  DC
         10TH HIGHEST VALUE IS       0.01893 AT (  553286.60,  4200980.70,     2.00,     2.00,    1.50)  DC

FLR_ROLP  1ST HIGHEST VALUE IS       1.04037 AT (  551763.00,  4200336.00,    72.06,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       1.01830 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          3RD HIGHEST VALUE IS       0.85019 AT (  551763.00,  4200236.00,    68.52,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       0.81580 AT (  551563.00,  4200236.00,    72.83,   134.20,    1.50)  DC
          5TH HIGHEST VALUE IS       0.80162 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       0.70441 AT (  551563.00,  4200436.00,    76.78,   134.20,    1.50)  DC
          7TH HIGHEST VALUE IS       0.56900 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       0.53417 AT (  552763.00,  4201136.00,     0.50,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       0.50813 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       0.49843 AT (  552763.00,  4201036.00,     0.55,   149.23,    1.50)  DC

SB_MS     1ST HIGHEST VALUE IS     150.59236 AT (  553985.80,  4198439.60,     3.14,     3.14,    1.50)  DC
          2ND HIGHEST VALUE IS     111.53450 AT (  553963.00,  4198436.00,     3.22,     3.22,    1.50)  DC
          3RD HIGHEST VALUE IS     105.77583 AT (  553960.70,  4198409.90,     3.17,     3.17,    1.50)  DC
          4TH HIGHEST VALUE IS      92.02447 AT (  553957.80,  4198464.30,     3.17,     3.17,    1.50)  DC
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     5TH HIGHEST VALUE IS      71.43388 AT (  553935.50,  4198380.10,     3.10,     3.10,     1.50)  DC
     6TH HIGHEST VALUE IS      67.04284 AT (  554125.10,  4198340.70,     3.83,     3.83,     1.50)  DC
     7TH HIGHEST VALUE IS      61.76088 AT (  553929.90,  4198488.90,     3.08,     3.08,     1.50)  DC
     8TH HIGHEST VALUE IS      59.27761 AT (  554088.30,  4198306.80,     3.79,     3.79,     1.50)  DC
     9TH HIGHEST VALUE IS      54.82423 AT (  554156.30,  4198379.50,     4.06,     4.06,     1.50)  DC
    10TH HIGHEST VALUE IS      53.15115 AT (  554187.60,  4198418.20,     3.76,     3.76,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29858

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

SB_BS     1ST HIGHEST VALUE IS    1348.87403 AT (  553985.80,  4198439.60,     3.14,     3.14,    1.50)  DC
          2ND HIGHEST VALUE IS     690.38081 AT (  553960.70,  4198409.90,     3.17,     3.17,    1.50)  DC
          3RD HIGHEST VALUE IS     443.58019 AT (  553963.00,  4198436.00,     3.22,     3.22,    1.50)  DC
          4TH HIGHEST VALUE IS     270.43538 AT (  553935.50,  4198380.10,     3.10,     3.10,    1.50)  DC
          5TH HIGHEST VALUE IS     266.67796 AT (  553957.80,  4198464.30,     3.17,     3.17,    1.50)  DC
          6TH HIGHEST VALUE IS     134.01626 AT (  553910.40,  4198350.40,     3.17,    63.82,    1.50)  DC
          7TH HIGHEST VALUE IS     122.66267 AT (  553935.70,  4198325.80,     3.11,    63.82,    1.50)  DC
          8TH HIGHEST VALUE IS     118.64580 AT (  553929.90,  4198488.90,     3.08,     3.08,    1.50)  DC
          9TH HIGHEST VALUE IS     105.43754 AT (  553961.00,  4198301.30,     3.13,    63.82,    1.50)  DC
         10TH HIGHEST VALUE IS      85.99421 AT (  553863.00,  4198436.00,     3.21,     3.21,    1.50)  DC

PSC_AS    1ST HIGHEST VALUE IS       1.83842 AT (  552944.20,  4200869.10,     1.89,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.83472 AT (  553833.20,  4200776.00,     1.85,     1.85,    1.50)  DC
          3RD HIGHEST VALUE IS       1.83470 AT (  552906.50,  4200855.70,     1.91,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.82935 AT (  552982.00,  4200882.60,     1.84,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.81726 AT (  553872.80,  4200745.40,     1.52,     1.52,    1.50)  DC
          6TH HIGHEST VALUE IS       1.81452 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.81310 AT (  553793.70,  4200806.60,     1.61,     1.61,    1.50)  DC
          8TH HIGHEST VALUE IS       1.81053 AT (  551815.30,  4199278.50,     5.15,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.81002 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.80829 AT (  551814.70,  4199302.20,     2.72,   149.23,    1.50)  DC

SRU_GEN   1ST HIGHEST VALUE IS       5.97930 AT (  552395.40,  4200855.40,     2.95,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       5.82113 AT (  552355.90,  4200882.90,     2.91,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       5.65444 AT (  552318.80,  4200889.10,     2.45,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       5.48904 AT (  552422.70,  4200836.40,     2.61,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       4.98583 AT (  552277.00,  4200904.10,     3.72,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       4.51884 AT (  552363.00,  4200936.00,     1.90,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       4.51569 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       4.28141 AT (  552263.00,  4200936.00,     3.45,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       4.02128 AT (  552254.10,  4200948.00,     3.45,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.84091 AT (  552463.00,  4200836.00,     1.63,   149.23,    1.50)  DC

P100B     1ST HIGHEST VALUE IS      43.53271 AT (  552363.00,  4197836.00,    -0.30,    -0.30,    1.50)  DC
          2ND HIGHEST VALUE IS      16.37557 AT (  552363.00,  4197936.00,    -0.30,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS      13.58362 AT (  552263.00,  4197936.00,    -0.30,   144.64,    1.50)  DC
          4TH HIGHEST VALUE IS      10.74370 AT (  552363.00,  4198036.00,    -0.30,   144.64,    1.50)  DC
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     5TH HIGHEST VALUE IS      10.43179 AT (  552463.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC
     6TH HIGHEST VALUE IS       9.54759 AT (  552263.00,  4198036.00,    -0.30,   144.64,    1.50)  DC
     7TH HIGHEST VALUE IS       8.25233 AT (  552463.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
     8TH HIGHEST VALUE IS       7.48158 AT (  552463.00,  4198036.00,    -0.30,   144.64,    1.50)  DC
     9TH HIGHEST VALUE IS       7.06654 AT (  552363.00,  4198136.00,    -0.30,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS       6.23806 AT (  552263.00,  4198136.00,    -0.30,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29859

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
P11	1ST HIGHEST VALUE IS	56.78510 AT (552726.10, 4198138.30, 1.14, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	41.23119 AT (552703.20, 4198222.90, 0.10, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	40.39678 AT (552723.60, 4198260.00, 0.47, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	31.02826 AT (552704.10, 4198284.10, 0.96, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	27.70419 AT (552757.50, 4198130.10, 0.72, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	25.59197 AT (552788.30, 4198151.90, 3.28, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	24.38786 AT (552678.60, 4198297.40, 1.05, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	20.34293 AT (552663.00, 4198236.00, -0.30, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	20.10536 AT (552690.20, 4198179.50, 0.04, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	18.66884 AT (552663.00, 4197936.00, -0.30, 144.64, 1.50)	DC	
P15_16	1ST HIGHEST VALUE IS	26.05026 AT (552535.90, 4198532.30, 12.18, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	20.08025 AT (552583.70, 4198486.20, 11.81, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	18.47551 AT (552624.30, 4198476.40, 12.92, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	18.34637 AT (552563.00, 4198436.00, 12.37, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	17.35486 AT (552579.20, 4198415.40, 10.82, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	17.10337 AT (552463.00, 4198536.00, 14.17, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	16.74873 AT (552571.90, 4198497.60, 12.32, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	16.72433 AT (552500.00, 4198567.10, 14.92, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	16.13939 AT (552548.00, 4198413.80, 10.21, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	15.26027 AT (552548.50, 4198392.50, 1.74, 149.23, 1.50)	DC	
P3	1ST HIGHEST VALUE IS	1.89539 AT (552231.60, 4199629.00, 44.10, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	1.82655 AT (552270.70, 4199658.70, 55.35, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	1.72608 AT (552163.00, 4199736.00, 55.74, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	1.64519 AT (552202.30, 4199606.80, 37.55, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	1.60158 AT (552163.00, 4199636.00, 34.26, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	1.52613 AT (552263.00, 4199736.00, 64.66, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	1.44257 AT (552173.10, 4199584.60, 33.40, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	1.39766 AT (552681.60, 4200733.20, 2.03, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	1.39627 AT (552658.40, 4200703.40, 2.24, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	1.39504 AT (552793.60, 4200815.70, 1.84, 149.23, 1.50)	DC	
P3000	1ST HIGHEST VALUE IS	2.11934 AT (554483.20, 4199032.70, 2.92, 2.92, 1.50)	DC	
	2ND HIGHEST VALUE IS	1.98431 AT (554520.60, 4199036.30, 2.91, 11.73, 1.50)	DC	
	3RD HIGHEST VALUE IS	1.92594 AT (554484.20, 4199007.80, 2.62, 11.43, 1.50)	DC	
	4TH HIGHEST VALUE IS	1.84083 AT (554557.90, 4199039.90, 3.24, 11.73, 1.50)	DC	

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     5TH HIGHEST VALUE IS      1.82571 AT (  553861.10,  4198549.70,     3.22,     3.22,     1.50)  DC
     6TH HIGHEST VALUE IS      1.81669 AT (  553881.50,  4198531.70,     3.24,     3.24,     1.50)  DC
     7TH HIGHEST VALUE IS      1.80660 AT (  554563.00,  4199036.00,     3.81,    11.73,     1.50)  DC
     8TH HIGHEST VALUE IS      1.80077 AT (  553863.00,  4198536.00,     3.27,     3.27,     1.50)  DC
     9TH HIGHEST VALUE IS      1.78847 AT (  553901.90,  4198513.60,     3.32,     3.32,     1.50)  DC
    10TH HIGHEST VALUE IS      1.74292 AT (  553929.90,  4198488.90,     3.08,     3.08,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29860

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

P302A     1ST HIGHEST VALUE IS      33.18687 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      29.94091 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      19.96307 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      14.44059 AT (  552563.00,  4200836.00,     0.69,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      10.82217 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       7.89223 AT (  552463.00,  4200836.00,     1.63,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       7.81158 AT (  552563.00,  4200936.00,     0.58,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       7.17116 AT (  552663.00,  4200836.00,     0.64,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       6.48539 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       6.14729 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC

P302B     1ST HIGHEST VALUE IS      34.79166 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      24.67662 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      17.14335 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      15.33075 AT (  552563.00,  4200836.00,     0.69,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      13.04126 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       9.14734 AT (  552463.00,  4200836.00,     1.63,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       8.14806 AT (  552563.00,  4200936.00,     0.58,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       7.64591 AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       6.62202 AT (  552463.00,  4200936.00,     0.57,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       6.06514 AT (  552663.00,  4200836.00,     0.64,   149.23,    1.50)  DC

P351A     1ST HIGHEST VALUE IS       1.04580 AT (  553912.30,  4200714.80,     1.77,     1.77,    1.50)  DC
          2ND HIGHEST VALUE IS       1.03936 AT (  553951.90,  4200684.20,     1.82,     1.82,    1.50)  DC
          3RD HIGHEST VALUE IS       1.03350 AT (  553963.20,  4200675.40,     1.80,     1.80,    1.50)  DC
          4TH HIGHEST VALUE IS       1.03339 AT (  553872.80,  4200745.40,     1.52,     1.52,    1.50)  DC
          5TH HIGHEST VALUE IS       1.00734 AT (  553833.20,  4200776.00,     1.85,     1.85,    1.50)  DC
          6TH HIGHEST VALUE IS       0.97209 AT (  553793.70,  4200806.60,     1.61,     1.61,    1.50)  DC
          7TH HIGHEST VALUE IS       0.95033 AT (  553952.60,  4200747.30,     0.88,     0.88,    1.50)  DC
          8TH HIGHEST VALUE IS       0.94939 AT (  553963.00,  4200736.00,     1.70,     1.70,    1.50)  DC
          9TH HIGHEST VALUE IS       0.94335 AT (  554010.20,  4200676.20,     1.60,     1.60,    1.50)  DC
         10TH HIGHEST VALUE IS       0.93268 AT (  553763.00,  4200836.00,     1.83,     1.83,    1.50)  DC

P351B     1ST HIGHEST VALUE IS       1.04308 AT (  553912.30,  4200714.80,     1.77,     1.77,    1.50)  DC
          2ND HIGHEST VALUE IS       1.03544 AT (  553951.90,  4200684.20,     1.82,     1.82,    1.50)  DC
          3RD HIGHEST VALUE IS       1.03171 AT (  553872.80,  4200745.40,     1.52,     1.52,    1.50)  DC
          4TH HIGHEST VALUE IS       1.02921 AT (  553963.20,  4200675.40,     1.80,     1.80,    1.50)  DC
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     5TH HIGHEST VALUE IS      1.00642 AT (  553833.20,  4200776.00,     1.85,     1.85,     1.50)  DC
     6TH HIGHEST VALUE IS      0.97172 AT (  553793.70,  4200806.60,     1.61,     1.61,     1.50)  DC
     7TH HIGHEST VALUE IS      0.94730 AT (  553952.60,  4200747.30,     0.88,     0.88,     1.50)  DC
     8TH HIGHEST VALUE IS      0.94603 AT (  553963.00,  4200736.00,     1.70,     1.70,     1.50)  DC
     9TH HIGHEST VALUE IS      0.93832 AT (  554010.20,  4200676.20,     1.60,     1.60,     1.50)  DC
    10TH HIGHEST VALUE IS      0.93257 AT (  553763.00,  4200836.00,     1.83,     1.83,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29861

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

5H2_GEN   1ST HIGHEST VALUE IS       0.65319 AT (  553286.60,  4200980.70,     2.00,     2.00,    1.50)  DC
          2ND HIGHEST VALUE IS       0.65257 AT (  553324.70,  4200993.00,     1.96,     1.96,    1.50)  DC
          3RD HIGHEST VALUE IS       0.65207 AT (  553248.60,  4200968.50,     2.30,     2.30,    1.50)  DC
          4TH HIGHEST VALUE IS       0.65124 AT (  553635.60,  4200929.10,     1.24,     1.24,    1.50)  DC
          5TH HIGHEST VALUE IS       0.65079 AT (  553362.80,  4201005.30,     2.13,     2.13,    1.50)  DC
          6TH HIGHEST VALUE IS       0.64987 AT (  553675.10,  4200898.50,     1.62,     1.62,    1.50)  DC
          7TH HIGHEST VALUE IS       0.64776 AT (  553404.30,  4201018.60,     2.90,     2.90,    1.50)  DC
          8TH HIGHEST VALUE IS       0.64640 AT (  553596.10,  4200959.70,     0.61,     0.61,    1.50)  DC
          9TH HIGHEST VALUE IS       0.64502 AT (  553432.20,  4201014.50,     2.07,     2.07,    1.50)  DC
         10TH HIGHEST VALUE IS       0.64454 AT (  553210.50,  4200956.20,     2.17,     2.17,    1.50)  DC

P_PROT    1ST HIGHEST VALUE IS       7.94347 AT (  553090.60,  4198532.10,    21.37,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       7.13070 AT (  553055.50,  4198529.60,    23.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       6.86867 AT (  553089.80,  4198493.50,    25.80,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       6.72039 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       6.58208 AT (  553058.60,  4198498.30,    25.24,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       6.39789 AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       6.19536 AT (  553120.60,  4198488.80,    26.99,   144.64,    1.50)  DC
          8TH HIGHEST VALUE IS       5.60883 AT (  553151.40,  4198484.10,    23.54,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       5.30437 AT (  553016.10,  4198526.80,    24.29,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       5.27539 AT (  553024.60,  4198493.90,    26.02,   149.23,    1.50)  DC

DWOP      1ST HIGHEST VALUE IS       1.78702 AT (  553963.20,  4200675.40,     1.80,     1.80,    1.50)  DC
          2ND HIGHEST VALUE IS       1.75368 AT (  553951.90,  4200684.20,     1.82,     1.82,    1.50)  DC
          3RD HIGHEST VALUE IS       1.75306 AT (  554010.20,  4200676.20,     1.60,     1.60,    1.50)  DC
          4TH HIGHEST VALUE IS       1.69075 AT (  554057.20,  4200677.10,     1.88,     1.88,    1.50)  DC
          5TH HIGHEST VALUE IS       1.63602 AT (  553912.30,  4200714.80,     1.77,     1.77,    1.50)  DC
          6TH HIGHEST VALUE IS       1.58748 AT (  554104.20,  4200677.90,     1.87,     1.87,    1.50)  DC
          7TH HIGHEST VALUE IS       1.56225 AT (  553963.00,  4200736.00,     1.70,     1.70,    1.50)  DC
          8TH HIGHEST VALUE IS       1.51735 AT (  553952.60,  4200747.30,     0.88,     0.88,    1.50)  DC
          9TH HIGHEST VALUE IS       1.51671 AT (  553872.80,  4200745.40,     1.52,     1.52,    1.50)  DC
         10TH HIGHEST VALUE IS       1.51350 AT (  553986.10,  4200747.90,     1.51,     1.51,    1.50)  DC

REPDICE   1ST HIGHEST VALUE IS       5.87324 AT (  553210.50,  4200956.20,     2.17,     2.17,    1.50)  DC
          2ND HIGHEST VALUE IS       5.78623 AT (  553172.40,  4200943.90,     2.24,     2.24,    1.50)  DC
          3RD HIGHEST VALUE IS       5.65204 AT (  553248.60,  4200968.50,     2.30,     2.30,    1.50)  DC
          4TH HIGHEST VALUE IS       5.27274 AT (  553124.80,  4200928.60,     2.40,     2.40,    1.50)  DC
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     5TH HIGHEST VALUE IS      5.20718 AT (  553286.60,  4200980.70,     2.00,     2.00,     1.50)  DC
     6TH HIGHEST VALUE IS      4.61712 AT (  553324.70,  4200993.00,     1.96,     1.96,     1.50)  DC
     7TH HIGHEST VALUE IS      4.38285 AT (  553077.20,  4200913.20,     2.24,   149.23,     1.50)  DC
     8TH HIGHEST VALUE IS      4.25821 AT (  553263.00,  4201036.00,     1.78,     1.78,     1.50)  DC
     9TH HIGHEST VALUE IS      4.03319 AT (  553163.00,  4201036.00,     1.02,     1.02,     1.50)  DC
    10TH HIGHEST VALUE IS      3.94003 AT (  553063.00,  4200936.00,     1.44,   149.23,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                                ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                                 ***        09:02:59
                                                                                                                PAGE 29862

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

FCC_PLUS  1ST HIGHEST VALUE IS      14.07783 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      13.83645 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      11.77055 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      11.34022 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      10.34038 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       9.95388 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       9.95134 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       9.31514 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       8.33775 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       8.19553 AT (  552490.60,  4200788.00,     2.62,   149.23,    1.50)  DC

PS_17     1ST HIGHEST VALUE IS       3.42745 AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.35877 AT (  552231.60,  4199629.00,    44.10,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.31243 AT (  552067.00,  4199504.20,    43.03,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.26603 AT (  551987.40,  4199443.70,    43.57,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.25690 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.14431 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.13531 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.13062 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.11339 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.08745 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC

PS_21     1ST HIGHEST VALUE IS       5.46216 AT (  553472.40,  4198417.90,     3.94,   144.64,    1.50)  DC
          2ND HIGHEST VALUE IS       5.36642 AT (  553448.90,  4198408.50,     9.32,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS       5.35625 AT (  553422.30,  4198409.90,    11.24,   144.64,    1.50)  DC
          4TH HIGHEST VALUE IS       5.13365 AT (  553251.60,  4198499.80,    19.57,   144.64,    1.50)  DC
          5TH HIGHEST VALUE IS       5.09033 AT (  553489.80,  4198417.90,     3.82,   144.64,    1.50)  DC
          6TH HIGHEST VALUE IS       5.01555 AT (  553470.10,  4198380.60,     6.31,   144.64,    1.50)  DC
          7TH HIGHEST VALUE IS       4.97833 AT (  553239.20,  4198505.00,    20.29,   144.64,    1.50)  DC
          8TH HIGHEST VALUE IS       4.77300 AT (  552768.60,  4198419.00,     9.80,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       4.76611 AT (  553028.40,  4198211.90,     9.83,   144.64,    1.50)  DC
         10TH HIGHEST VALUE IS       4.75944 AT (  553121.10,  4198528.60,    18.89,   149.23,    1.50)  DC

ALKY_FUG  1ST HIGHEST VALUE IS       6.61956 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       6.52032 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       5.93197 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       5.74510 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
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 5TH HIGHEST VALUE IS      5.41678 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
 6TH HIGHEST VALUE IS      5.34226 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
 7TH HIGHEST VALUE IS      5.28866 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
 8TH HIGHEST VALUE IS      5.27912 AT (  551763.00,  4199836.00,    12.45,   149.23,    1.50)  DC
 9TH HIGHEST VALUE IS      5.04567 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
10TH HIGHEST VALUE IS      4.97382 AT (  551863.00,  4199736.00,    13.29,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29863

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

BERTH_1   1ST HIGHEST VALUE IS     108.44883 AT (  551663.00,  4197436.00,    -0.30,    -0.30,    1.50)  DC
          2ND HIGHEST VALUE IS      90.10261 AT (  551863.00,  4197236.00,    -0.30,    -0.30,    1.50)  DC
          3RD HIGHEST VALUE IS      79.74931 AT (  551863.00,  4197436.00,    -0.30,    -0.30,    1.50)  DC
          4TH HIGHEST VALUE IS      45.15406 AT (  551663.00,  4197236.00,    -0.30,    -0.30,    1.50)  DC
          5TH HIGHEST VALUE IS      31.82600 AT (  551763.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          6TH HIGHEST VALUE IS      31.50568 AT (  551663.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          7TH HIGHEST VALUE IS      22.22892 AT (  551463.00,  4197436.00,    -0.30,    -0.30,    1.50)  DC
          8TH HIGHEST VALUE IS      20.51095 AT (  551863.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          9TH HIGHEST VALUE IS      20.02440 AT (  551463.00,  4197236.00,    -0.30,    -0.30,    1.50)  DC
         10TH HIGHEST VALUE IS      16.82407 AT (  551563.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC

BERTH_2   1ST HIGHEST VALUE IS     164.69515 AT (  551863.00,  4197436.00,    -0.30,    -0.30,    1.50)  DC
          2ND HIGHEST VALUE IS      86.81153 AT (  552063.00,  4197436.00,    -0.30,    -0.30,    1.50)  DC
          3RD HIGHEST VALUE IS      72.03943 AT (  552063.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          4TH HIGHEST VALUE IS      49.68651 AT (  551963.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          5TH HIGHEST VALUE IS      32.79398 AT (  552163.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          6TH HIGHEST VALUE IS      31.61774 AT (  551863.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          7TH HIGHEST VALUE IS      30.87164 AT (  551863.00,  4197236.00,    -0.30,    -0.30,    1.50)  DC
          8TH HIGHEST VALUE IS      25.25744 AT (  552063.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC
          9TH HIGHEST VALUE IS      24.30636 AT (  551663.00,  4197436.00,    -0.30,    -0.30,    1.50)  DC
         10TH HIGHEST VALUE IS      24.15328 AT (  551963.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC

BERTH_3   1ST HIGHEST VALUE IS     350.56921 AT (  552163.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          2ND HIGHEST VALUE IS     227.41818 AT (  552263.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          3RD HIGHEST VALUE IS     204.16501 AT (  552263.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC
          4TH HIGHEST VALUE IS      81.87428 AT (  552163.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC
          5TH HIGHEST VALUE IS      65.09881 AT (  552063.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          6TH HIGHEST VALUE IS      59.39422 AT (  552363.00,  4197836.00,    -0.30,    -0.30,    1.50)  DC
          7TH HIGHEST VALUE IS      58.37111 AT (  552363.00,  4197636.00,    -0.30,    -0.30,    1.50)  DC
          8TH HIGHEST VALUE IS      53.41219 AT (  552263.00,  4197836.00,    -0.30,    -0.30,    1.50)  DC
          9TH HIGHEST VALUE IS      37.90433 AT (  552063.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC
         10TH HIGHEST VALUE IS      35.45635 AT (  552163.00,  4197836.00,    -0.30,    -0.30,    1.50)  DC

BERTH_4   1ST HIGHEST VALUE IS     278.83320 AT (  552563.00,  4197936.00,    -0.30,   144.64,    1.50)  DC
          2ND HIGHEST VALUE IS     149.79876 AT (  552563.00,  4197836.00,    -0.30,    -0.30,    1.50)  DC
          3RD HIGHEST VALUE IS     101.00034 AT (  552463.00,  4197936.00,    -0.30,   144.64,    1.50)  DC
          4TH HIGHEST VALUE IS      97.51962 AT (  552363.00,  4197836.00,    -0.30,    -0.30,    1.50)  DC
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 5TH HIGHEST VALUE IS      92.66160 AT (  552463.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC
 6TH HIGHEST VALUE IS      92.14333 AT (  552663.00,  4197936.00,    -0.30,   144.64,    1.50)  DC
 7TH HIGHEST VALUE IS      54.47000 AT (  552563.00,  4198036.00,    -0.30,   144.64,    1.50)  DC
 8TH HIGHEST VALUE IS      47.80181 AT (  552363.00,  4197936.00,    -0.30,   144.64,    1.50)  DC
 9TH HIGHEST VALUE IS      46.05174 AT (  552563.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC
10TH HIGHEST VALUE IS      41.45747 AT (  552263.00,  4197736.00,    -0.30,    -0.30,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29864

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

BERTH_9   1ST HIGHEST VALUE IS     364.03375 AT (  552690.70,  4198147.40,     0.03,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS     350.85410 AT (  552663.00,  4198036.00,     0.67,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS     284.53851 AT (  552726.10,  4198138.30,     1.14,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS     275.70524 AT (  552690.20,  4198179.50,     0.04,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS     234.35207 AT (  552703.20,  4198222.90,     0.10,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS     230.77851 AT (  552663.00,  4198136.00,    -0.30,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS     184.60009 AT (  552723.60,  4198260.00,     0.47,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS     118.46491 AT (  552757.50,  4198130.10,     0.72,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS     104.43603 AT (  552663.00,  4198236.00,    -0.30,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      99.00869 AT (  552663.00,  4197936.00,    -0.30,   144.64,    1.50)  DC

YRD_DIB   1ST HIGHEST VALUE IS       5.66583 AT (  551963.00,  4199736.00,    21.68,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       5.20943 AT (  551863.00,  4199836.00,    18.40,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       5.00428 AT (  552063.00,  4199636.00,    24.91,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       4.76558 AT (  551963.00,  4199636.00,    16.64,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       4.75208 AT (  551863.00,  4199736.00,    13.29,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       4.67549 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       4.63913 AT (  551863.00,  4199936.00,    23.43,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       4.61317 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       4.26032 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       4.14303 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC

P_255     1ST HIGHEST VALUE IS       1.89609 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.83332 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.83018 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.76740 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.74031 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.73494 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.70073 AT (  551859.80,  4199360.20,    11.38,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.69714 AT (  551815.30,  4199278.50,     5.15,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.69506 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.68096 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC

S7601     1ST HIGHEST VALUE IS       6.11111 AT (  553929.90,  4198488.90,     3.08,     3.08,    1.50)  DC
          2ND HIGHEST VALUE IS       5.97484 AT (  553957.80,  4198464.30,     3.17,     3.17,    1.50)  DC
          3RD HIGHEST VALUE IS       5.90691 AT (  553901.90,  4198513.60,     3.32,     3.32,    1.50)  DC
          4TH HIGHEST VALUE IS       5.75696 AT (  553881.50,  4198531.70,     3.24,     3.24,    1.50)  DC
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     5TH HIGHEST VALUE IS      5.72508 AT (  553861.10,  4198549.70,     3.22,     3.22,     1.50)  DC
     6TH HIGHEST VALUE IS      5.41934 AT (  553863.00,  4198536.00,     3.27,     3.27,     1.50)  DC
     7TH HIGHEST VALUE IS      5.36141 AT (  553985.80,  4198439.60,     3.14,     3.14,     1.50)  DC
     8TH HIGHEST VALUE IS      5.21942 AT (  553963.00,  4198436.00,     3.22,     3.22,     1.50)  DC
     9TH HIGHEST VALUE IS      4.59721 AT (  553960.70,  4198409.90,     3.17,     3.17,     1.50)  DC
    10TH HIGHEST VALUE IS      4.48094 AT (  553832.60,  4198518.70,     3.20,     3.20,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29865

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

NR_GDF    1ST HIGHEST VALUE IS      65.84625 AT (  554187.60,  4198418.20,     3.76,     3.76,    1.50)  DC
          2ND HIGHEST VALUE IS      60.53540 AT (  553985.80,  4198439.60,     3.14,     3.14,    1.50)  DC
          3RD HIGHEST VALUE IS      60.27815 AT (  553957.80,  4198464.30,     3.17,     3.17,    1.50)  DC
          4TH HIGHEST VALUE IS      54.78278 AT (  554156.30,  4198379.50,     4.06,     4.06,    1.50)  DC
          5TH HIGHEST VALUE IS      54.23883 AT (  554254.50,  4198502.00,     3.49,     3.49,    1.50)  DC
          6TH HIGHEST VALUE IS      52.97742 AT (  554250.10,  4198495.80,     3.47,     3.47,    1.50)  DC
          7TH HIGHEST VALUE IS      52.83410 AT (  553963.00,  4198436.00,     3.22,     3.22,    1.50)  DC
          8TH HIGHEST VALUE IS      52.12161 AT (  554218.80,  4198457.00,     3.41,     3.41,    1.50)  DC
          9TH HIGHEST VALUE IS      49.55085 AT (  553929.90,  4198488.90,     3.08,     3.08,    1.50)  DC
         10TH HIGHEST VALUE IS      43.30919 AT (  554125.10,  4198340.70,     3.83,     3.83,    1.50)  DC

REF_FUG   1ST HIGHEST VALUE IS      10.55463 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       9.63511 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       8.87773 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       8.35742 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       8.00231 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       7.92355 AT (  552793.60,  4200815.70,     1.84,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       7.84021 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       7.76452 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       7.36922 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       6.81577 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC

S4431     1ST HIGHEST VALUE IS       8.88044 AT (  553124.80,  4200928.60,     2.40,     2.40,    1.50)  DC
          2ND HIGHEST VALUE IS       8.82729 AT (  553172.40,  4200943.90,     2.24,     2.24,    1.50)  DC
          3RD HIGHEST VALUE IS       8.33347 AT (  553210.50,  4200956.20,     2.17,     2.17,    1.50)  DC
          4TH HIGHEST VALUE IS       8.09325 AT (  553077.20,  4200913.20,     2.24,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       7.64500 AT (  553248.60,  4200968.50,     2.30,     2.30,    1.50)  DC
          6TH HIGHEST VALUE IS       7.18899 AT (  553063.00,  4200936.00,     1.44,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       6.80410 AT (  553286.60,  4200980.70,     2.00,     2.00,    1.50)  DC
          8TH HIGHEST VALUE IS       6.26154 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       5.80185 AT (  553163.00,  4201036.00,     1.02,     1.02,    1.50)  DC
         10TH HIGHEST VALUE IS       5.77849 AT (  553324.70,  4200993.00,     1.96,     1.96,    1.50)  DC

T3227     1ST HIGHEST VALUE IS       8.16265 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       7.85515 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       7.74638 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       7.47497 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      7.21959 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      6.67771 AT (  552908.60,  4198503.70,    15.44,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      6.62956 AT (  552801.30,  4198427.60,    11.80,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      6.55764 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      6.43197 AT (  552702.50,  4198418.00,    13.38,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      6.39804 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29866

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3228     1ST HIGHEST VALUE IS       2.68634 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.67649 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.57077 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.56155 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.40580 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.29549 AT (  552763.00,  4198436.00,    14.98,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.17993 AT (  552801.30,  4198427.60,    11.80,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       2.17071 AT (  552841.10,  4198438.10,    18.79,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.12559 AT (  552768.60,  4198419.00,     9.80,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.10858 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC

S4237     1ST HIGHEST VALUE IS       0.99171 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
          2ND HIGHEST VALUE IS       0.99168 AT (  553239.20,  4198505.00,    20.29,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS       0.98226 AT (  553251.60,  4198499.80,    19.57,   144.64,    1.50)  DC
          4TH HIGHEST VALUE IS       0.95608 AT (  553288.50,  4198484.10,    20.19,   144.64,    1.50)  DC
          5TH HIGHEST VALUE IS       0.93271 AT (  553120.60,  4198488.80,    26.99,   144.64,    1.50)  DC
          6TH HIGHEST VALUE IS       0.93207 AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       0.92947 AT (  553187.80,  4198474.50,    22.01,   144.64,    1.50)  DC
          8TH HIGHEST VALUE IS       0.92878 AT (  553231.90,  4198462.90,    19.97,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       0.92053 AT (  553151.40,  4198484.10,    23.54,   144.64,    1.50)  DC
         10TH HIGHEST VALUE IS       0.91426 AT (  553256.80,  4198451.80,    19.63,   144.64,    1.50)  DC

CTRLOPA   1ST HIGHEST VALUE IS       3.19488 AT (  552982.00,  4200882.60,     1.84,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.82203 AT (  552944.20,  4200869.10,     1.89,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.81095 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.68259 AT (  552963.00,  4200936.00,     0.64,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.23580 AT (  553063.00,  4200936.00,     1.44,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.17006 AT (  552906.50,  4200855.70,     1.91,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.14451 AT (  552963.00,  4201036.00,     0.61,   134.20,    1.50)  DC
          8TH HIGHEST VALUE IS       2.09220 AT (  553077.20,  4200913.20,     2.24,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.89017 AT (  553063.00,  4201036.00,     0.82,   134.20,    1.50)  DC
         10TH HIGHEST VALUE IS       1.73093 AT (  552963.00,  4201136.00,     0.57,   134.20,    1.50)  DC

CTRLOPB   1ST HIGHEST VALUE IS       3.20696 AT (  552982.00,  4200882.60,     1.84,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.09741 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.65065 AT (  552944.20,  4200869.10,     1.89,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.57998 AT (  552963.00,  4200936.00,     0.64,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS       2.46280 AT (  553063.00,  4200936.00,     1.44,   149.23,     1.50)  DC
     6TH HIGHEST VALUE IS       2.33111 AT (  553077.20,  4200913.20,     2.24,   149.23,     1.50)  DC
     7TH HIGHEST VALUE IS       2.18007 AT (  552906.50,  4200855.70,     1.91,   149.23,     1.50)  DC
     8TH HIGHEST VALUE IS       2.07906 AT (  552963.00,  4201036.00,     0.61,   134.20,     1.50)  DC
     9TH HIGHEST VALUE IS       2.02058 AT (  553063.00,  4201036.00,     0.82,   134.20,     1.50)  DC
    10TH HIGHEST VALUE IS       1.82805 AT (  552863.00,  4200936.00,     0.57,   149.23,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29867

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

FLR_DR    1ST HIGHEST VALUE IS       0.42471 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       0.40414 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       0.34039 AT (  553963.20,  4200675.40,     1.80,     1.80,    1.50)  DC
          4TH HIGHEST VALUE IS       0.34037 AT (  553951.90,  4200684.20,     1.82,     1.82,    1.50)  DC
          5TH HIGHEST VALUE IS       0.33684 AT (  553912.30,  4200714.80,     1.77,     1.77,    1.50)  DC
          6TH HIGHEST VALUE IS       0.32851 AT (  553872.80,  4200745.40,     1.52,     1.52,    1.50)  DC
          7TH HIGHEST VALUE IS       0.32608 AT (  554010.20,  4200676.20,     1.60,     1.60,    1.50)  DC
          8TH HIGHEST VALUE IS       0.32454 AT (  553963.00,  4200736.00,     1.70,     1.70,    1.50)  DC
          9TH HIGHEST VALUE IS       0.32144 AT (  553952.60,  4200747.30,     0.88,     0.88,    1.50)  DC
         10TH HIGHEST VALUE IS       0.31743 AT (  553833.20,  4200776.00,     1.85,     1.85,    1.50)  DC

T3217     1ST HIGHEST VALUE IS       8.03666 AT (  552860.70,  4198489.40,    14.88,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       7.31774 AT (  552908.60,  4198503.70,    15.44,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       6.85596 AT (  552830.80,  4198480.50,    14.04,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       5.87775 AT (  552880.80,  4198448.60,    26.28,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       5.67418 AT (  552912.40,  4198464.20,    28.03,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       5.46264 AT (  552800.80,  4198471.50,    13.61,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       5.40887 AT (  552841.10,  4198438.10,    18.79,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       4.46729 AT (  552801.30,  4198427.60,    11.80,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       4.13130 AT (  552757.80,  4198461.70,    16.92,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.80755 AT (  552763.00,  4198436.00,    14.98,   149.23,    1.50)  DC

T3218     1ST HIGHEST VALUE IS       2.11024 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.81151 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.66991 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.60155 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       1.55809 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       1.54730 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       1.53929 AT (  552163.00,  4199736.00,    55.74,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       1.49359 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       1.46743 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       1.45834 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC

T3222     1ST HIGHEST VALUE IS       1.66054 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.61950 AT (  552163.00,  4199736.00,    55.74,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.60599 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.60589 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
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 5TH HIGHEST VALUE IS      1.57228 AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC
 6TH HIGHEST VALUE IS      1.56670 AT (  552332.40,  4199827.80,   115.49,   149.23,    1.50)  DC
 7TH HIGHEST VALUE IS      1.56112 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
 8TH HIGHEST VALUE IS      1.56020 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
 9TH HIGHEST VALUE IS      1.49217 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
10TH HIGHEST VALUE IS      1.46651 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29868

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T955      1ST HIGHEST VALUE IS       4.49691 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.47901 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.36119 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       4.07024 AT (  552663.00,  4198436.00,    13.09,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       4.04991 AT (  552721.10,  4198461.80,    17.47,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.92245 AT (  552634.30,  4198417.50,    11.73,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.88476 AT (  552659.70,  4198417.20,    12.04,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.83475 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.82854 AT (  552602.50,  4198416.30,    11.22,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.68333 AT (  552702.50,  4198418.00,    13.38,   149.23,    1.50)  DC

T3157     1ST HIGHEST VALUE IS       8.31103 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       8.29181 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
          3RD HIGHEST VALUE IS       7.35123 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          4TH HIGHEST VALUE IS       7.28460 AT (  552071.50,  4200207.50,   109.94,   123.49,    1.50)  DC
          5TH HIGHEST VALUE IS       6.74862 AT (  552094.20,  4200174.40,   110.21,   111.93,    1.50)  DC
          6TH HIGHEST VALUE IS       6.66924 AT (  552117.00,  4200141.30,   112.17,   114.10,    1.50)  DC
          7TH HIGHEST VALUE IS       6.50104 AT (  552023.30,  4200277.50,   105.32,   134.20,    1.50)  DC
          8TH HIGHEST VALUE IS       5.81920 AT (  552139.80,  4200108.20,   113.78,   113.78,    1.50)  DC
          9TH HIGHEST VALUE IS       5.08862 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       5.08014 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC

T3158     1ST HIGHEST VALUE IS       4.31970 AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
          2ND HIGHEST VALUE IS       3.92802 AT (  552044.00,  4200247.50,   107.68,   123.49,    1.50)  DC
          3RD HIGHEST VALUE IS       3.70475 AT (  552071.50,  4200207.50,   109.94,   123.49,    1.50)  DC
          4TH HIGHEST VALUE IS       3.57906 AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.45612 AT (  552023.30,  4200277.50,   105.32,   134.20,    1.50)  DC
          6TH HIGHEST VALUE IS       3.42106 AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.39778 AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC
          8TH HIGHEST VALUE IS       3.26058 AT (  552094.20,  4200174.40,   110.21,   111.93,    1.50)  DC
          9TH HIGHEST VALUE IS       3.21849 AT (  552162.50,  4200075.10,   108.79,   119.51,    1.50)  DC
         10TH HIGHEST VALUE IS       3.10647 AT (  552188.30,  4200037.50,   104.79,   119.51,    1.50)  DC

T3159     1ST HIGHEST VALUE IS       2.23937 AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       1.78340 AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       1.64098 AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       1.45249 AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      1.44687 AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      1.43971 AT (  552363.00,  4199736.00,   105.93,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      1.35015 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      1.31472 AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      1.29772 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      1.28298 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29869

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T3160	1ST HIGHEST VALUE IS	2.65089 AT (551963.00, 4200036.00, 47.53, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	2.23141 AT (552162.50, 4200075.10, 108.79, 119.51, 1.50)	DC	
	3RD HIGHEST VALUE IS	2.16589 AT (552139.80, 4200108.20, 113.78, 113.78, 1.50)	DC	
	4TH HIGHEST VALUE IS	2.13859 AT (552490.60, 4200788.00, 2.62, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	2.10341 AT (552450.10, 4200817.30, 2.38, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	2.06284 AT (552531.20, 4200758.80, 2.56, 149.23, 1.50)	DC	
	7TH HIGHEST VALUE IS	2.04609 AT (552422.70, 4200836.40, 2.61, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	2.03717 AT (552188.30, 4200037.50, 104.79, 119.51, 1.50)	DC	
	9TH HIGHEST VALUE IS	1.98024 AT (552463.00, 4200836.00, 1.63, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	1.96976 AT (552395.40, 4200855.40, 2.95, 149.23, 1.50)	DC	
T3161	1ST HIGHEST VALUE IS	4.63336 AT (551963.00, 4200036.00, 47.53, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	4.12488 AT (552139.80, 4200108.20, 113.78, 113.78, 1.50)	DC	
	3RD HIGHEST VALUE IS	4.09402 AT (552162.50, 4200075.10, 108.79, 119.51, 1.50)	DC	
	4TH HIGHEST VALUE IS	3.70632 AT (552188.30, 4200037.50, 104.79, 119.51, 1.50)	DC	
	5TH HIGHEST VALUE IS	3.67166 AT (551863.00, 4200036.00, 30.75, 149.23, 1.50)	DC	
	6TH HIGHEST VALUE IS	3.57653 AT (552117.00, 4200141.30, 112.17, 114.10, 1.50)	DC	
	7TH HIGHEST VALUE IS	3.43102 AT (552233.10, 4199972.50, 114.55, 119.51, 1.50)	DC	
	8TH HIGHEST VALUE IS	3.38363 AT (552209.00, 4200007.50, 117.37, 119.51, 1.50)	DC	
	9TH HIGHEST VALUE IS	3.20609 AT (552257.10, 4199937.50, 104.57, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	3.18458 AT (552063.00, 4200136.00, 89.82, 134.20, 1.50)	DC	
T3162	1ST HIGHEST VALUE IS	4.38505 AT (552162.50, 4200075.10, 108.79, 119.51, 1.50)	DC	
	2ND HIGHEST VALUE IS	4.29321 AT (552188.30, 4200037.50, 104.79, 119.51, 1.50)	DC	
	3RD HIGHEST VALUE IS	4.16127 AT (552163.00, 4200036.00, 111.78, 119.51, 1.50)	DC	
	4TH HIGHEST VALUE IS	4.14229 AT (551963.00, 4200036.00, 47.53, 149.23, 1.50)	DC	
	5TH HIGHEST VALUE IS	3.45814 AT (552209.00, 4200007.50, 117.37, 119.51, 1.50)	DC	
	6TH HIGHEST VALUE IS	3.38449 AT (552139.80, 4200108.20, 113.78, 113.78, 1.50)	DC	
	7TH HIGHEST VALUE IS	3.16053 AT (552257.10, 4199937.50, 104.57, 149.23, 1.50)	DC	
	8TH HIGHEST VALUE IS	3.02869 AT (551963.00, 4199836.00, 38.35, 149.23, 1.50)	DC	
	9TH HIGHEST VALUE IS	3.02603 AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
	10TH HIGHEST VALUE IS	2.92560 AT (551963.00, 4199936.00, 55.73, 149.23, 1.50)	DC	
T3163	1ST HIGHEST VALUE IS	3.46159 AT (552450.80, 4198610.20, 15.67, 149.23, 1.50)	DC	
	2ND HIGHEST VALUE IS	3.10545 AT (552421.40, 4198576.20, 13.13, 149.23, 1.50)	DC	
	3RD HIGHEST VALUE IS	2.79940 AT (552482.00, 4198584.60, 15.84, 149.23, 1.50)	DC	
	4TH HIGHEST VALUE IS	2.79353 AT (552413.10, 4198547.80, 12.37, 149.23, 1.50)	DC	

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     5TH HIGHEST VALUE IS      2.60738 AT (  552102.40,  4199531.00,    29.38,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      2.54386 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      2.51668 AT (  552067.00,  4199504.20,    43.03,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      2.51262 AT (  552404.80,  4198519.30,    11.72,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      2.47098 AT (  552137.70,  4199557.80,    28.95,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      2.46526 AT (  552375.00,  4198515.80,    11.60,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29870

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3164     1ST HIGHEST VALUE IS       4.14849 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.60211 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.55320 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.23627 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.19783 AT (  552413.10,  4198547.80,    12.37,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.05718 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.89408 AT (  552404.80,  4198519.30,    11.72,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       2.84857 AT (  552375.00,  4198515.80,    11.60,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.64313 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.61518 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC

T3165     1ST HIGHEST VALUE IS       4.63919 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.53365 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.10758 AT (  552413.10,  4198547.80,    12.37,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.71471 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.65855 AT (  552404.80,  4198519.30,    11.72,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.51001 AT (  552375.00,  4198515.80,    11.60,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.42121 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.39801 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.33373 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.29370 AT (  552298.10,  4198511.70,    12.21,   149.23,    1.50)  DC

T3166     1ST HIGHEST VALUE IS       5.45733 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       5.25718 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.56271 AT (  552413.10,  4198547.80,    12.37,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       4.13437 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.99675 AT (  552404.80,  4198519.30,    11.72,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.62358 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.60949 AT (  552375.00,  4198515.80,    11.60,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.60761 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.11238 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.95997 AT (  552298.10,  4198511.70,    12.21,   149.23,    1.50)  DC

T3167     1ST HIGHEST VALUE IS       3.90701 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.49078 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.16308 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.13436 AT (  552413.10,  4198547.80,    12.37,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      2.84276 AT (  552375.00,  4198515.80,    11.60,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      2.80907 AT (  552404.80,  4198519.30,    11.72,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      2.79059 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      2.78439 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      2.77573 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      2.57936 AT (  552298.10,  4198511.70,    12.21,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29871

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3168     1ST HIGHEST VALUE IS       6.18383 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       5.44347 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       5.22357 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       4.85633 AT (  552413.10,  4198547.80,    12.37,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       4.68634 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       4.38194 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       4.36267 AT (  552404.80,  4198519.30,    11.72,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       4.17443 AT (  552375.00,  4198515.80,    11.60,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.76219 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.64324 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC

T3169     1ST HIGHEST VALUE IS       2.52854 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       2.39538 AT (  552421.40,  4198576.20,    13.13,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       2.18801 AT (  552413.10,  4198547.80,    12.37,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       2.09168 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       2.08131 AT (  552298.10,  4198511.70,    12.21,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       2.07194 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       2.06870 AT (  552375.00,  4198515.80,    11.60,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       2.05824 AT (  552173.10,  4199584.60,    33.40,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       2.03737 AT (  552102.40,  4199531.00,    29.38,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       2.02033 AT (  552137.70,  4199557.80,    28.95,   149.23,    1.50)  DC

T3171     1ST HIGHEST VALUE IS       3.65614 AT (  552259.70,  4198509.60,    11.31,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.56002 AT (  552231.80,  4198507.40,     5.09,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.53148 AT (  552203.90,  4198505.30,     4.35,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.43267 AT (  552298.10,  4198511.70,    12.21,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.41684 AT (  552161.10,  4198508.00,     5.34,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.25419 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.11331 AT (  552196.30,  4198467.20,    -0.06,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.11295 AT (  552153.20,  4198473.70,     0.28,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.10602 AT (  552209.10,  4198466.00,    -0.05,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.07596 AT (  552249.40,  4198462.00,     6.91,   149.23,    1.50)  DC

T3172     1ST HIGHEST VALUE IS       3.66205 AT (  552259.70,  4198509.60,    11.31,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       3.57282 AT (  552203.90,  4198505.30,     4.35,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.57227 AT (  552231.80,  4198507.40,     5.09,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.53778 AT (  552298.10,  4198511.70,    12.21,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      3.34419 AT (  552161.10,  4198508.00,     5.34,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      3.27909 AT (  552336.60,  4198513.70,    11.82,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      3.14437 AT (  551774.30,  4198685.20,     0.20,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      3.11399 AT (  552196.30,  4198467.20,    -0.06,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      3.08066 AT (  552209.10,  4198466.00,    -0.05,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      3.07651 AT (  552187.60,  4198462.50,    -0.20,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29872

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

T3232     1ST HIGHEST VALUE IS       8.82806 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       8.54699 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       8.52891 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       8.45149 AT (  552571.90,  4198497.60,    12.32,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       8.00280 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       7.92499 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       7.04831 AT (  552665.00,  4198466.60,    14.37,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       5.92704 AT (  552684.40,  4198461.90,    15.61,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       5.83118 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       5.81957 AT (  552663.00,  4198436.00,    13.09,   149.23,    1.50)  DC

T3233     1ST HIGHEST VALUE IS      27.31646 AT (  552571.90,  4198497.60,    12.32,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      24.78828 AT (  552535.90,  4198532.30,    12.18,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      22.99876 AT (  552583.70,  4198486.20,    11.81,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      22.58664 AT (  552500.00,  4198567.10,    14.92,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      18.73613 AT (  552463.00,  4198536.00,    14.17,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      17.76660 AT (  552482.00,  4198584.60,    15.84,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS      13.96517 AT (  552563.00,  4198436.00,    12.37,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS      13.96324 AT (  552624.30,  4198476.40,    12.92,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS      12.01734 AT (  552450.80,  4198610.20,    15.67,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS      11.99343 AT (  552404.80,  4198519.30,    11.72,   149.23,    1.50)  DC

S4283     1ST HIGHEST VALUE IS       0.83490 AT (  553314.20,  4198468.70,    20.40,   144.64,    1.50)  DC
          2ND HIGHEST VALUE IS       0.82848 AT (  553288.50,  4198484.10,    20.19,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS       0.82072 AT (  553339.90,  4198453.20,    19.17,   144.64,    1.50)  DC
          4TH HIGHEST VALUE IS       0.80056 AT (  553251.60,  4198499.80,    19.57,   144.64,    1.50)  DC
          5TH HIGHEST VALUE IS       0.79811 AT (  553239.20,  4198505.00,    20.29,   144.64,    1.50)  DC
          6TH HIGHEST VALUE IS       0.79480 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
          7TH HIGHEST VALUE IS       0.79386 AT (  553363.00,  4198436.00,    17.46,   144.64,    1.50)  DC
          8TH HIGHEST VALUE IS       0.78402 AT (  553294.40,  4198435.20,    19.09,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       0.77728 AT (  553318.60,  4198420.70,    17.62,   144.64,    1.50)  DC
         10TH HIGHEST VALUE IS       0.77615 AT (  553381.40,  4198431.40,    15.31,   144.64,    1.50)  DC

T3219     1ST HIGHEST VALUE IS       6.65637 AT (  553720.20,  4198507.00,     3.03,     3.03,    1.50)  DC
          2ND HIGHEST VALUE IS       6.59128 AT (  553861.10,  4198549.70,     3.22,     3.22,    1.50)  DC
          3RD HIGHEST VALUE IS       6.58532 AT (  553692.50,  4198532.20,     3.11,     3.11,    1.50)  DC
          4TH HIGHEST VALUE IS       6.43764 AT (  553747.90,  4198481.90,     2.93,     2.93,    1.50)  DC
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 5TH HIGHEST VALUE IS      6.40690 AT (  553832.60,  4198518.70,     3.20,     3.20,     1.50)  DC
 6TH HIGHEST VALUE IS      6.34642 AT (  553863.00,  4198536.00,     3.27,     3.27,     1.50)  DC
 7TH HIGHEST VALUE IS      6.17686 AT (  553804.10,  4198487.70,     3.23,     3.23,     1.50)  DC
 8TH HIGHEST VALUE IS      6.08235 AT (  553881.50,  4198531.70,     3.24,     3.24,     1.50)  DC
 9TH HIGHEST VALUE IS      6.00108 AT (  553665.80,  4198502.10,     3.18,    50.94,     1.50)  DC
10TH HIGHEST VALUE IS      5.94008 AT (  553775.60,  4198456.70,     3.14,     3.14,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                  PAGE 29873

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

S7544     1ST HIGHEST VALUE IS       0.96180 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
          2ND HIGHEST VALUE IS       0.95354 AT (  553288.50,  4198484.10,    20.19,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS       0.94926 AT (  553314.20,  4198468.70,    20.40,   144.64,    1.50)  DC
          4TH HIGHEST VALUE IS       0.94409 AT (  553239.20,  4198505.00,    20.29,   144.64,    1.50)  DC
          5TH HIGHEST VALUE IS       0.93001 AT (  553251.60,  4198499.80,    19.57,   144.64,    1.50)  DC
          6TH HIGHEST VALUE IS       0.90781 AT (  553187.80,  4198474.50,    22.01,   144.64,    1.50)  DC
          7TH HIGHEST VALUE IS       0.90568 AT (  553339.90,  4198453.20,    19.17,   144.64,    1.50)  DC
          8TH HIGHEST VALUE IS       0.89997 AT (  553151.40,  4198484.10,    23.54,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       0.89086 AT (  553231.90,  4198462.90,    19.97,   144.64,    1.50)  DC
         10TH HIGHEST VALUE IS       0.88949 AT (  553256.80,  4198451.80,    19.63,   144.64,    1.50)  DC

S7545     1ST HIGHEST VALUE IS       0.96573 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
          2ND HIGHEST VALUE IS       0.96218 AT (  553288.50,  4198484.10,    20.19,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS       0.95980 AT (  553314.20,  4198468.70,    20.40,   144.64,    1.50)  DC
          4TH HIGHEST VALUE IS       0.94985 AT (  553239.20,  4198505.00,    20.29,   144.64,    1.50)  DC
          5TH HIGHEST VALUE IS       0.93606 AT (  553251.60,  4198499.80,    19.57,   144.64,    1.50)  DC
          6TH HIGHEST VALUE IS       0.91712 AT (  553339.90,  4198453.20,    19.17,   144.64,    1.50)  DC
          7TH HIGHEST VALUE IS       0.91165 AT (  553187.80,  4198474.50,    22.01,   144.64,    1.50)  DC
          8TH HIGHEST VALUE IS       0.90150 AT (  553151.40,  4198484.10,    23.54,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       0.89624 AT (  553231.90,  4198462.90,    19.97,   144.64,    1.50)  DC
         10TH HIGHEST VALUE IS       0.89590 AT (  553256.80,  4198451.80,    19.63,   144.64,    1.50)  DC

S7546     1ST HIGHEST VALUE IS       1.97166 AT (  553288.50,  4198484.10,    20.19,   144.64,    1.50)  DC
          2ND HIGHEST VALUE IS       1.93092 AT (  553314.20,  4198468.70,    20.40,   144.64,    1.50)  DC
          3RD HIGHEST VALUE IS       1.91207 AT (  553239.20,  4198505.00,    20.29,   144.64,    1.50)  DC
          4TH HIGHEST VALUE IS       1.88579 AT (  553251.60,  4198499.80,    19.57,   144.64,    1.50)  DC
          5TH HIGHEST VALUE IS       1.87358 AT (  553197.10,  4198514.70,    22.58,   148.88,    1.50)  DC
          6TH HIGHEST VALUE IS       1.77197 AT (  553339.90,  4198453.20,    19.17,   144.64,    1.50)  DC
          7TH HIGHEST VALUE IS       1.74430 AT (  553256.80,  4198451.80,    19.63,   144.64,    1.50)  DC
          8TH HIGHEST VALUE IS       1.73011 AT (  553231.90,  4198462.90,    19.97,   144.64,    1.50)  DC
          9TH HIGHEST VALUE IS       1.70909 AT (  553187.80,  4198474.50,    22.01,   144.64,    1.50)  DC
         10TH HIGHEST VALUE IS       1.70635 AT (  553294.40,  4198435.20,    19.09,   144.64,    1.50)  DC

S7547     1ST HIGHEST VALUE IS       4.60248 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.24746 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.15149 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.72821 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      3.69377 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
     6TH HIGHEST VALUE IS      3.66122 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
     7TH HIGHEST VALUE IS      3.34441 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
     8TH HIGHEST VALUE IS      3.29016 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
     9TH HIGHEST VALUE IS      2.98015 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC
    10TH HIGHEST VALUE IS      2.96569 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                    ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                     ***        09:02:59
                                                                                                    PAGE 29874

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

S7548     1ST HIGHEST VALUE IS       4.45996 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.16435 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       3.96127 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.84202 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.71061 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.48834 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.45702 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.15588 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.13521 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.01633 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC

S7549     1ST HIGHEST VALUE IS       4.72671 AT (  552637.50,  4200674.00,     2.75,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS       4.33076 AT (  552598.10,  4200679.40,     2.46,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       4.27098 AT (  552658.40,  4200703.40,     2.24,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       3.83722 AT (  552681.60,  4200733.20,     2.03,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       3.76219 AT (  552589.30,  4200716.70,     2.20,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       3.76183 AT (  552663.00,  4200736.00,     1.27,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       3.39579 AT (  552563.00,  4200736.00,     2.40,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       3.38461 AT (  552709.00,  4200767.40,     1.97,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       3.04899 AT (  552735.80,  4200795.50,     2.15,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       3.01695 AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC

S7550     1ST HIGHEST VALUE IS      12.22955 AT (  552277.00,  4200904.10,     3.72,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      10.63725 AT (  552318.80,  4200889.10,     2.45,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS       9.77439 AT (  552263.00,  4200936.00,     3.45,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS       8.99086 AT (  552254.10,  4200948.00,     3.45,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS       8.11643 AT (  552232.60,  4200961.10,     4.98,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS       7.73513 AT (  552355.90,  4200882.90,     2.91,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       7.19218 AT (  552211.00,  4200974.20,     8.42,   134.20,    1.50)  DC
          8TH HIGHEST VALUE IS       5.90661 AT (  552173.40,  4200997.10,     4.86,   134.20,    1.50)  DC
          9TH HIGHEST VALUE IS       5.80124 AT (  552363.00,  4200936.00,     1.90,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       5.21500 AT (  552170.10,  4201019.10,     2.82,   134.20,    1.50)  DC

S7551     1ST HIGHEST VALUE IS      16.09424 AT (  552793.60,  4200815.70,     1.84,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      15.13208 AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      12.35162 AT (  552763.00,  4200836.00,     0.64,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      10.74694 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
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     5TH HIGHEST VALUE IS      10.49332 AT (  552982.00,  4200882.60,     1.84,   149.23,     1.50)  DC
     6TH HIGHEST VALUE IS      10.07303 AT (  552763.00,  4200936.00,     0.60,   149.23,     1.50)  DC
     7TH HIGHEST VALUE IS       9.81309 AT (  552944.20,  4200869.10,     1.89,   149.23,     1.50)  DC
     8TH HIGHEST VALUE IS       9.76160 AT (  553029.60,  4200897.90,     2.18,   149.23,     1.50)  DC
     9TH HIGHEST VALUE IS       9.35468 AT (  552868.80,  4200842.20,     1.85,   149.23,     1.50)  DC
    10TH HIGHEST VALUE IS       9.34943 AT (  552906.50,  4200855.70,     1.91,   149.23,     1.50)  DC
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                                ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                                 ***        09:02:59
                                                                                                                PAGE 29875

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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


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

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

S7552     1ST HIGHEST VALUE IS      16.09424 AT (  552793.60,  4200815.70,     1.84,   149.23,    1.50)  DC
          2ND HIGHEST VALUE IS      15.13208 AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC
          3RD HIGHEST VALUE IS      12.35162 AT (  552763.00,  4200836.00,     0.64,   149.23,    1.50)  DC
          4TH HIGHEST VALUE IS      10.74694 AT (  552764.70,  4200805.60,     1.86,   149.23,    1.50)  DC
          5TH HIGHEST VALUE IS      10.49332 AT (  552982.00,  4200882.60,     1.84,   149.23,    1.50)  DC
          6TH HIGHEST VALUE IS      10.07303 AT (  552763.00,  4200936.00,     0.60,   149.23,    1.50)  DC
          7TH HIGHEST VALUE IS       9.81309 AT (  552944.20,  4200869.10,     1.89,   149.23,    1.50)  DC
          8TH HIGHEST VALUE IS       9.76160 AT (  553029.60,  4200897.90,     2.18,   149.23,    1.50)  DC
          9TH HIGHEST VALUE IS       9.35468 AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC
         10TH HIGHEST VALUE IS       9.34943 AT (  552906.50,  4200855.70,     1.91,   149.23,    1.50)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
PAGE 29876

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T55	HIGH 1ST HIGH VALUE IS	634.58524	ON 13012601:	AT (553324.70, 4200993.00, 1.96, 1.96, 1.50)	DC	
T200	HIGH 1ST HIGH VALUE IS	797.04664	ON 17102619:	AT (552637.50, 4200674.00, 2.75, 149.23, 1.50)	DC	
T397	HIGH 1ST HIGH VALUE IS	652.93625	ON 12090705:	AT (551663.00, 4200136.00, 31.39, 149.23, 1.50)	DC	
T399	HIGH 1ST HIGH VALUE IS	803.52027	ON 17120103:	AT (552027.20, 4199474.00, 50.20, 149.23, 1.50)	DC	
T679	HIGH 1ST HIGH VALUE IS	623.96832	ON 12120406:	AT (552163.00, 4199636.00, 34.26, 149.23, 1.50)	DC	
T984	HIGH 1ST HIGH VALUE IS	3353.98181	ON 13021405:	AT (552482.00, 4198584.60, 15.84, 149.23, 1.50)	DC	
T990	HIGH 1ST HIGH VALUE IS	749.13169	ON 13012601:	AT (552335.70, 4199708.00, 90.71, 149.23, 1.50)	DC	
T991	HIGH 1ST HIGH VALUE IS	529.43230	ON 13012601:	AT (552263.00, 4199836.00, 96.14, 149.23, 1.50)	DC	
T992	HIGH 1ST HIGH VALUE IS	713.76578	ON 13012601:	AT (552257.10, 4199937.50, 104.57, 149.23, 1.50)	DC	
T1020	HIGH 1ST HIGH VALUE IS	1246.99292	ON 12090806:	AT (552709.00, 4200767.40, 1.97, 149.23, 1.50)	DC	
T1287	HIGH 1ST HIGH VALUE IS	1081.80010	ON 12090706:	AT (552335.70, 4199708.00, 90.71, 149.23, 1.50)	DC	
T1289	HIGH 1ST HIGH VALUE IS	597.12092	ON 13021002:	AT (551963.00, 4200036.00, 47.53, 149.23, 1.50)	DC	
T1292	HIGH 1ST HIGH VALUE IS	812.16140	ON 13021002:	AT (552202.30, 4199606.80, 37.55, 149.23, 1.50)	DC	
T1296	HIGH 1ST HIGH VALUE IS	937.75693	ON 12090805:	AT (552257.10, 4199937.50, 104.57, 149.23, 1.50)	DC	
T1297	HIGH 1ST HIGH VALUE IS	881.34090	ON 13121324:	AT (551763.00, 4199936.00, 19.06, 149.23, 1.50)	DC	
T1455	HIGH 1ST HIGH VALUE IS	587.15068	ON 17100407:	AT (551963.00, 4200236.00, 69.83, 134.20, 1.50)	DC	
T1459	HIGH 1ST HIGH VALUE IS	234.87711	ON 12121909:	AT (552332.40, 4199827.80, 115.49, 149.23, 1.50)	DC	
T1488	HIGH 1ST HIGH VALUE IS	1432.67481	ON 13021002:	AT (552332.40, 4199827.80, 115.49, 149.23, 1.50)	DC	
T1489	HIGH 1ST HIGH VALUE IS	1490.93933	ON 13021002:	AT (552374.00, 4199767.50, 113.21, 149.23, 1.50)	DC	

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T1491    HIGH   1ST HIGH VALUE IS     383.96015  ON 12090806: AT (  551889.70,  4200395.00,   123.56,   134.20,    1.50)  DC

T1492    HIGH   1ST HIGH VALUE IS     868.30796  ON 12090706: AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC

T1493    HIGH   1ST HIGH VALUE IS     645.94212  ON 12090706: AT (  552368.20,  4199732.70,   106.73,   149.23,    1.50)  DC

T1504    HIGH   1ST HIGH VALUE IS   10287.60246  ON 12111004: AT (  552763.00,  4198436.00,    14.98,   149.23,    1.50)  DC

T1514    HIGH   1ST HIGH VALUE IS     868.07957  ON 12090805: AT (  552257.10,  4199937.50,   104.57,   149.23,    1.50)  DC

T1518    HIGH   1ST HIGH VALUE IS     507.03964  ON 12090806: AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
T1635	HIGH	1ST HIGH VALUE IS	941.56883	ON 17120103: AT (	553663.00,	4198236.00,	10.44,	63.82,	1.50)	DC	
T1636	HIGH	1ST HIGH VALUE IS	1208.70229	ON 16120519: AT (	554250.10,	4198495.80,	3.47,	3.47,	1.50)	DC	
T1637	HIGH	1ST HIGH VALUE IS	1021.54248	ON 17120103: AT (	553663.00,	4198236.00,	10.44,	63.82,	1.50)	DC	
T1653	HIGH	1ST HIGH VALUE IS	779.41483	ON 12120818: AT (	552860.70,	4198489.40,	14.88,	149.23,	1.50)	DC	
T1687	HIGH	1ST HIGH VALUE IS	2093.52580	ON 13012601: AT (	552332.40,	4199827.80,	115.49,	149.23,	1.50)	DC	
T1688	HIGH	1ST HIGH VALUE IS	1313.61580	ON 13012601: AT (	552374.00,	4199767.50,	113.21,	149.23,	1.50)	DC	
T1798	HIGH	1ST HIGH VALUE IS	1485.88428	ON 13012601: AT (	552368.20,	4199732.70,	106.73,	149.23,	1.50)	DC	
T1799	HIGH	1ST HIGH VALUE IS	977.19720	ON 13012601: AT (	552281.10,	4199902.50,	112.66,	122.66,	1.50)	DC	
T1843	HIGH	1ST HIGH VALUE IS	1103.40684	ON 13021405: AT (	551863.00,	4200036.00,	30.75,	149.23,	1.50)	DC	
T1894	HIGH	1ST HIGH VALUE IS	1910.82152	ON 12120621: AT (	553881.50,	4198531.70,	3.24,	3.24,	1.50)	DC	
T1899	HIGH	1ST HIGH VALUE IS	1421.70848	ON 15111904: AT (	553263.00,	4198236.00,	41.35,	50.94,	1.50)	DC	
T1966	HIGH	1ST HIGH VALUE IS	437.31581	ON 13021002: AT (	552027.20,	4199474.00,	50.20,	149.23,	1.50)	DC	
T3071	HIGH	1ST HIGH VALUE IS	253.70632	ON 17082207: AT (	552374.00,	4199767.50,	113.21,	149.23,	1.50)	DC	
T3072	HIGH	1ST HIGH VALUE IS	780.01865	ON 12090806: AT (	552257.10,	4199937.50,	104.57,	149.23,	1.50)	DC	
T3073	HIGH	1ST HIGH VALUE IS	1863.28502	ON 13021002: AT (	552368.20,	4199732.70,	106.73,	149.23,	1.50)	DC	
T3074	HIGH	1ST HIGH VALUE IS	1058.73384	ON 13021002: AT (	552063.00,	4199736.00,	58.53,	149.23,	1.50)	DC	
T3076	HIGH	1ST HIGH VALUE IS	972.33235	ON 12090806: AT (	552270.70,	4199658.70,	55.35,	149.23,	1.50)	DC	
T3100	HIGH	1ST HIGH VALUE IS	705.25170	ON 13012601: AT (	552231.60,	4199629.00,	44.10,	149.23,	1.50)	DC	
T3101	HIGH	1ST HIGH VALUE IS	702.68041	ON 13012601: AT (	551963.00,	4200036.00,	47.53,	149.23,	1.50)	DC	

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T3102    HIGH   1ST HIGH VALUE IS    1064.29646  ON 13012601: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC

T3103    HIGH   1ST HIGH VALUE IS     443.00834  ON 16120518: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC

T3104    HIGH   1ST HIGH VALUE IS     611.50655  ON 13011218: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC

T3105    HIGH   1ST HIGH VALUE IS     541.35747  ON 16120518: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC

T3106    HIGH   1ST HIGH VALUE IS    1187.27213  ON 13011218: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC

T3107    HIGH   1ST HIGH VALUE IS    1407.12421  ON 13011218: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
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*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
T3110	HIGH 1ST HIGH VALUE IS	2181.30907	ON 15111904:	AT (554563.00, 4199436.00, 3.34, 3.34, 1.50)	DC	
T3111	HIGH 1ST HIGH VALUE IS	2155.80920	ON 15111904:	AT (554563.00, 4199436.00, 3.34, 3.34, 1.50)	DC	
T3126	HIGH 1ST HIGH VALUE IS	574.38643	ON 12120818:	AT (553422.30, 4198409.90, 11.24, 144.64, 1.50)	DC	
T3127	HIGH 1ST HIGH VALUE IS	911.63845	ON 17120103:	AT (553377.50, 4198388.10, 15.75, 51.17, 1.50)	DC	
T3128	HIGH 1ST HIGH VALUE IS	889.85054	ON 17120103:	AT (553377.50, 4198388.10, 15.75, 51.17, 1.50)	DC	
T3129	HIGH 1ST HIGH VALUE IS	526.53688	ON 12090806:	AT (551963.00, 4200236.00, 69.83, 134.20, 1.50)	DC	
T3132	HIGH 1ST HIGH VALUE IS	1906.34384	ON 13021405:	AT (552332.40, 4199827.80, 115.49, 149.23, 1.50)	DC	
T3133	HIGH 1ST HIGH VALUE IS	330.92885	ON 12090806:	AT (551732.10, 4200529.30, 126.96, 126.96, 1.50)	DC	
T3134	HIGH 1ST HIGH VALUE IS	495.25682	ON 12121909:	AT (552368.20, 4199732.70, 106.73, 149.23, 1.50)	DC	
T3138	HIGH 1ST HIGH VALUE IS	2014.94070	ON 12091901:	AT (551963.00, 4200036.00, 47.53, 149.23, 1.50)	DC	
T3139	HIGH 1ST HIGH VALUE IS	578.79451	ON 13021405:	AT (552117.00, 4200141.30, 112.17, 114.10, 1.50)	DC	
T3142	HIGH 1ST HIGH VALUE IS	6251.17703	ON 13031323:	AT (552598.10, 4200679.40, 2.46, 149.23, 1.50)	DC	
T3146	HIGH 1ST HIGH VALUE IS	322.03220	ON 12091901:	AT (551863.00, 4199636.00, 9.57, 149.23, 1.50)	DC	
T3147	HIGH 1ST HIGH VALUE IS	545.00477	ON 12111820:	AT (551763.00, 4199736.00, 6.58, 149.23, 1.50)	DC	
T3148	HIGH 1ST HIGH VALUE IS	493.46078	ON 13012601:	AT (553029.60, 4200897.90, 2.18, 149.23, 1.50)	DC	
T3170	HIGH 1ST HIGH VALUE IS	686.48518	ON 16012506:	AT (552500.00, 4198567.10, 14.92, 149.23, 1.50)	DC	
T3180	HIGH 1ST HIGH VALUE IS	532.26428	ON 13021002:	AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
T3182	HIGH 1ST HIGH VALUE IS	1875.30066	ON 13021405:	AT (552263.00, 4199836.00, 96.14, 149.23, 1.50)	DC	
T3185	HIGH 1ST HIGH VALUE IS	688.73276	ON 13021002:	AT (552063.00, 4199836.00, 56.48, 149.23, 1.50)	DC	

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T3186    HIGH   1ST HIGH VALUE IS     412.79729  ON 16012506: AT (  552976.60,  4198524.00,    22.86,   149.23,    1.50)  DC

T3189    HIGH   1ST HIGH VALUE IS     409.50715  ON 12121909: AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC

T3190    HIGH   1ST HIGH VALUE IS     539.02763  ON 13021002: AT (  551963.00,  4200136.00,    68.03,   149.23,    1.50)  DC

T3191    HIGH   1ST HIGH VALUE IS     591.70969  ON 12090706: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC

T3193    HIGH   1ST HIGH VALUE IS     619.30277  ON 13021002: AT (  552063.00,  4200036.00,    81.84,   149.23,    1.50)  DC

T3194    HIGH   1ST HIGH VALUE IS     932.45958  ON 17101807: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
T3195	HIGH	1ST HIGH VALUE IS	848.69306	ON 16012506:	AT (552945.60,	4198476.10,	28.65,	149.23,	1.50)	DC	
T3196	HIGH	1ST HIGH VALUE IS	858.90112	ON 12091901:	AT (551963.00,	4199936.00,	55.73,	149.23,	1.50)	DC	
T3197	HIGH	1ST HIGH VALUE IS	937.84541	ON 12120319:	AT (552270.70,	4199658.70,	55.35,	149.23,	1.50)	DC	
T3198	HIGH	1ST HIGH VALUE IS	987.26589	ON 13120824:	AT (553217.03,	4198222.59,	34.02,	51.17,	1.50)	DC	
T3201	HIGH	1ST HIGH VALUE IS	987.33604	ON 13122905:	AT (552263.00,	4199836.00,	96.14,	149.23,	1.50)	DC	
T3202	HIGH	1ST HIGH VALUE IS	1367.69240	ON 12090704:	AT (552163.00,	4199636.00,	34.26,	149.23,	1.50)	DC	
T3213	HIGH	1ST HIGH VALUE IS	976.91370	ON 12090806:	AT (552063.00,	4199736.00,	58.53,	149.23,	1.50)	DC	
T3214	HIGH	1ST HIGH VALUE IS	451.61870	ON 13021002:	AT (552063.00,	4200036.00,	81.84,	149.23,	1.50)	DC	
T3215	HIGH	1ST HIGH VALUE IS	1343.63887	ON 16012506:	AT (552830.80,	4198480.50,	14.04,	149.23,	1.50)	DC	
T3216	HIGH	1ST HIGH VALUE IS	505.07029	ON 16012506:	AT (553231.90,	4198462.90,	19.97,	144.64,	1.50)	DC	
T3220	HIGH	1ST HIGH VALUE IS	2151.89579	ON 13121324:	AT (551963.00,	4200236.00,	69.83,	134.20,	1.50)	DC	
T3225	HIGH	1ST HIGH VALUE IS	1312.11973	ON 12090703:	AT (552173.10,	4199584.60,	33.40,	149.23,	1.50)	DC	
T3226	HIGH	1ST HIGH VALUE IS	5476.26426	ON 13082906:	AT (552450.10,	4200817.30,	2.38,	149.23,	1.50)	DC	
T3229	HIGH	1ST HIGH VALUE IS	732.89174	ON 12120818:	AT (552976.60,	4198524.00,	22.86,	149.23,	1.50)	DC	
T3234	HIGH	1ST HIGH VALUE IS	5476.26426	ON 13082906:	AT (552450.10,	4200817.30,	2.38,	149.23,	1.50)	DC	
D3235	HIGH	1ST HIGH VALUE IS	746.78740	ON 16102019:	AT (552906.50,	4200855.70,	1.91,	149.23,	1.50)	DC	
P_0040	HIGH	1ST HIGH VALUE IS	53.53499	ON 17110203:	AT (552335.70,	4199708.00,	90.71,	149.23,	1.50)	DC	
P_0041	HIGH	1ST HIGH VALUE IS	52.69636	ON 16102003:	AT (552335.70,	4199708.00,	90.71,	149.23,	1.50)	DC	
P_0042	HIGH	1ST HIGH VALUE IS	50.45078	ON 12121923:	AT (552363.00,	4199736.00,	105.93,	149.23,	1.50)	DC	

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P_0043   HIGH   1ST HIGH VALUE IS      49.06508  ON 13122824: AT (  552374.00,  4199767.50,   113.21,   149.23,    1.50)  DC

P_0047   HIGH   1ST HIGH VALUE IS      85.71323  ON 12111601: AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC

P_0048   HIGH   1ST HIGH VALUE IS      92.09309  ON 13102606: AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC

P_0049   HIGH   1ST HIGH VALUE IS      52.35236  ON 12121923: AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC

P_0055   HIGH   1ST HIGH VALUE IS      80.29256  ON 13122424: AT (  552335.70,  4199708.00,    90.71,   149.23,    1.50)  DC

F_1660   HIGH   1ST HIGH VALUE IS      83.21534  ON 17111404: AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
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*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
P_0057 HIGH 1ST HIGH VALUE IS	23.35443	ON 13101401:	AT (552305.20, 4199867.50, 116.56, 122.66, 1.50)	DC	
P_0058 HIGH 1ST HIGH VALUE IS	23.21814	ON 13101401:	AT (552305.20, 4199867.50, 116.56, 122.66, 1.50)	DC	
F_1160 HIGH 1ST HIGH VALUE IS	32.74203	ON 15121707:	AT (552374.00, 4199767.50, 113.21, 149.23, 1.50)	DC	
CTLSFO HIGH 1ST HIGH VALUE IS	64.64206	ON 17083121:	AT (552624.30, 4198476.40, 12.92, 149.23, 1.50)	DC	
CT4CAT HIGH 1ST HIGH VALUE IS	67.61816	ON 12090705:	AT (552263.00, 4199736.00, 64.66, 149.23, 1.50)	DC	
P_0098 HIGH 1ST HIGH VALUE IS	48.46890	ON 13122905:	AT (552368.20, 4199732.70, 106.73, 149.23, 1.50)	DC	
P_0099 HIGH 1ST HIGH VALUE IS	28.28729	ON 13021004:	AT (552368.20, 4199732.70, 106.73, 149.23, 1.50)	DC	
P_0100 HIGH 1ST HIGH VALUE IS	36.71096	ON 15103101:	AT (552335.70, 4199708.00, 90.71, 149.23, 1.50)	DC	
P_0101 HIGH 1ST HIGH VALUE IS	44.11345	ON 13021004:	AT (552335.70, 4199708.00, 90.71, 149.23, 1.50)	DC	
S4148 HIGH 1ST HIGH VALUE IS	1330.69955	ON 12100221:	AT (552531.20, 4200758.80, 2.56, 149.23, 1.50)	DC	
P_0109 HIGH 1ST HIGH VALUE IS	104.72164	ON 12121918:	AT (551963.00, 4200136.00, 68.03, 149.23, 1.50)	DC	
P_0111 HIGH 1ST HIGH VALUE IS	105.78416	ON 15090805:	AT (552263.00, 4199736.00, 64.66, 149.23, 1.50)	DC	
P_4155 HIGH 1ST HIGH VALUE IS	73.73250	ON 12101624:	AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
P_0117 HIGH 1ST HIGH VALUE IS	77.03734	ON 16120103:	AT (552063.00, 4200136.00, 89.82, 134.20, 1.50)	DC	
P_0311 HIGH 1ST HIGH VALUE IS	37.88070	ON 15110607:	AT (552332.40, 4199827.80, 115.49, 149.23, 1.50)	DC	
P_0119 HIGH 1ST HIGH VALUE IS	79.73605	ON 15111823:	AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
P_0120 HIGH 1ST HIGH VALUE IS	76.16312	ON 15111906:	AT (552063.00, 4200136.00, 89.82, 134.20, 1.50)	DC	
P_0121 HIGH 1ST HIGH VALUE IS	34.92776	ON 15110607:	AT (552346.50, 4199807.50, 114.21, 149.23, 1.50)	DC	
P_0122 HIGH 1ST HIGH VALUE IS	35.36973	ON 15110607:	AT (552346.50, 4199807.50, 114.21, 149.23, 1.50)	DC	

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CTISMX   HIGH   1ST HIGH VALUE IS      98.95359  ON 17090224: AT (  552868.80,  4200842.20,     1.85,   149.23,    1.50)  DC

CTFCC    HIGH   1ST HIGH VALUE IS      80.00128  ON 16092518: AT (  552450.10,  4200817.30,     2.38,   149.23,    1.50)  DC

CTPOLY   HIGH   1ST HIGH VALUE IS     148.78792  ON 12090703: AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC

P_0147   HIGH   1ST HIGH VALUE IS     133.96409  ON 16010102: AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC

P_0148   HIGH   1ST HIGH VALUE IS     176.15174  ON 12050502: AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC

CTALK    HIGH   1ST HIGH VALUE IS     135.79163  ON 13021207: AT (  552063.00,  4199836.00,    56.48,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
SRU1_N	HIGH	1ST HIGH VALUE IS	134.90064	ON 16120706: AT (	552063.00,	4200036.00,	81.84,	149.23,	1.50)	DC	
SRU2_N	HIGH	1ST HIGH VALUE IS	131.71922	ON 16010102: AT (	551863.00,	4200236.00,	86.01,	134.20,	1.50)	DC	
SRU3_N	HIGH	1ST HIGH VALUE IS	113.42013	ON 17102603: AT (	552023.30,	4200277.50,	105.32,	134.20,	1.50)	DC	
LPG	HIGH	1ST HIGH VALUE IS	1883.83741	ON 13012601: AT (	553029.60,	4200897.90,	2.18,	149.23,	1.50)	DC	
FCCU	HIGH	1ST HIGH VALUE IS	21.04595	ON 17112902: AT (	552139.80,	4200108.20,	113.78,	113.78,	1.50)	DC	
P_0215	HIGH	1ST HIGH VALUE IS	84.69415	ON 13021207: AT (	552023.30,	4200277.50,	105.32,	134.20,	1.50)	DC	
P_0216	HIGH	1ST HIGH VALUE IS	109.33588	ON 15111224: AT (	552063.00,	4200136.00,	89.82,	134.20,	1.50)	DC	
P_0217	HIGH	1ST HIGH VALUE IS	90.41898	ON 15110607: AT (	552263.00,	4199836.00,	96.14,	149.23,	1.50)	DC	
F_1650	HIGH	1ST HIGH VALUE IS	158.40794	ON 16120103: AT (	551763.00,	4200136.00,	57.63,	134.20,	1.50)	DC	
COGEN1	HIGH	1ST HIGH VALUE IS	33.96598	ON 13022702: AT (	552363.00,	4199736.00,	105.93,	149.23,	1.50)	DC	
COGEN2	HIGH	1ST HIGH VALUE IS	34.20340	ON 13022702: AT (	552363.00,	4199736.00,	105.93,	149.23,	1.50)	DC	
CTAS	HIGH	1ST HIGH VALUE IS	1687.92510	ON 12121220: AT (	553832.60,	4198518.70,	3.20,	3.20,	1.50)	DC	
S4392	HIGH	1ST HIGH VALUE IS	4633.34100	ON 13082906: AT (	554383.70,	4200584.70,	2.77,	2.77,	1.50)	DC	
BIORCT	HIGH	1ST HIGH VALUE IS	2443.75076	ON 12111004: AT (	554532.30,	4199553.00,	2.92,	2.92,	1.50)	DC	
NSV	HIGH	1ST HIGH VALUE IS	830.36748	ON 15120809: AT (	552395.40,	4200855.40,	2.95,	149.23,	1.50)	DC	
S4410	HIGH	1ST HIGH VALUE IS	933.85412	ON 16100722: AT (	553881.50,	4198531.70,	3.24,	3.24,	1.50)	DC	
S4414	HIGH	1ST HIGH VALUE IS	512.62168	ON 12120621: AT (	553121.10,	4198528.60,	18.89,	149.23,	1.50)	DC	
S4413	HIGH	1ST HIGH VALUE IS	629.63058	ON 12120621: AT (	553339.90,	4198453.20,	19.17,	144.64,	1.50)	DC	
S4422	HIGH	1ST HIGH VALUE IS	708.57848	ON 16100722: AT (	553881.50,	4198531.70,	3.24,	3.24,	1.50)	DC	

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S4424    HIGH   1ST HIGH VALUE IS    2026.13935  ON 12121220: AT (  553832.60,  4198518.70,     3.20,     3.20,    1.50)  DC

S4430    HIGH   1ST HIGH VALUE IS     217.95009  ON 13050304: AT (  553077.20,  4200913.20,     2.24,   149.23,    1.50)  DC

H2_T1    HIGH   1ST HIGH VALUE IS      30.52132  ON 15121703: AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC

H2_T2    HIGH   1ST HIGH VALUE IS      29.93051  ON 12121922: AT (  552346.50,  4199807.50,   114.21,   149.23,    1.50)  DC

FLR_LSFO HIGH   1ST HIGH VALUE IS     122.58762  ON 12121921: AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC

FLR_SISO HIGH   1ST HIGH VALUE IS     160.83949  ON 16111404: AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
FLR_NISO HIGH	1ST HIGH VALUE IS 168.92618	ON 13123101:	AT (551963.00, 4200136.00, 68.03, 149.23, 1.50)	DC	
FLR_FCC HIGH	1ST HIGH VALUE IS 149.72946	ON 17102603:	AT (552063.00, 4200036.00, 81.84, 149.23, 1.50)	DC	
FLR_ALK HIGH	1ST HIGH VALUE IS 220.43721	ON 13123101:	AT (551963.00, 4200236.00, 69.83, 134.20, 1.50)	DC	
FLR_H2 HIGH	1ST HIGH VALUE IS 1.98113	ON 13111221:	AT (551732.10, 4200529.30, 126.96, 126.96, 1.50)	DC	
FLR_ROLP HIGH	1ST HIGH VALUE IS 179.07546	ON 13123101:	AT (551963.00, 4200236.00, 69.83, 134.20, 1.50)	DC	
SB_MS HIGH	1ST HIGH VALUE IS 21822.21911	ON 13021405:	AT (553929.90, 4198488.90, 3.08, 3.08, 1.50)	DC	
SB_BS HIGH	1ST HIGH VALUE IS 102165.09043	ON 12090706:	AT (553963.00, 4198436.00, 3.22, 3.22, 1.50)	DC	
PSC_AS HIGH	1ST HIGH VALUE IS 1237.63221	ON 13012601:	AT (553124.80, 4200928.60, 2.40, 2.40, 1.50)	DC	
SRU_GEN HIGH	1ST HIGH VALUE IS 217.09356	ON 13021207:	AT (551663.00, 4200236.00, 40.22, 149.23, 1.50)	DC	
P100B HIGH	1ST HIGH VALUE IS 1005.85441	ON 12112218:	AT (552363.00, 4197836.00, -0.30, -0.30, 1.50)	DC	
P11 HIGH	1ST HIGH VALUE IS 810.42211	ON 16102101:	AT (552690.20, 4198179.50, 0.04, 149.23, 1.50)	DC	
P15_16 HIGH	1ST HIGH VALUE IS 1011.41574	ON 16100702:	AT (552482.00, 4198584.60, 15.84, 149.23, 1.50)	DC	
P3 HIGH	1ST HIGH VALUE IS 254.44069	ON 16111404:	AT (552231.60, 4199629.00, 44.10, 149.23, 1.50)	DC	
P3000 HIGH	1ST HIGH VALUE IS 254.19595	ON 12090703:	AT (553197.10, 4198514.70, 22.58, 148.88, 1.50)	DC	
P302A HIGH	1ST HIGH VALUE IS 433.34710	ON 12102004:	AT (552563.00, 4200736.00, 2.40, 149.23, 1.50)	DC	
P302B HIGH	1ST HIGH VALUE IS 421.79487	ON 15082705:	AT (552563.00, 4200736.00, 2.40, 149.23, 1.50)	DC	
P351A HIGH	1ST HIGH VALUE IS 108.29797	ON 12121918:	AT (551960.80, 4199423.50, 32.66, 149.23, 1.50)	DC	
P351B HIGH	1ST HIGH VALUE IS 108.21239	ON 12121918:	AT (551960.80, 4199423.50, 32.66, 149.23, 1.50)	DC	
5H2_GEN HIGH	1ST HIGH VALUE IS 105.34547	ON 12121918:	AT (551963.00, 4199436.00, 35.26, 149.23, 1.50)	DC	

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P_PROT    HIGH   1ST HIGH VALUE IS     492.22642  ON 17121104: AT (  553151.60,  4198525.10,    19.76,   149.23,    1.50)  DC

DWOP      HIGH   1ST HIGH VALUE IS     114.90505  ON 12121918: AT (  552163.00,  4199636.00,    34.26,   149.23,    1.50)  DC

REPDICE   HIGH   1ST HIGH VALUE IS     163.29676  ON 13050304: AT (  553077.20,  4200913.20,     2.24,   149.23,    1.50)  DC

FCC_PLUS HIGH   1ST HIGH VALUE IS    1943.46555  ON 13012601: AT (  552531.20,  4200758.80,     2.56,   149.23,    1.50)  DC

PS_17     HIGH   1ST HIGH VALUE IS    3184.24799  ON 13021405: AT (  552027.20,  4199474.00,    50.20,   149.23,    1.50)  DC

PS_21     HIGH   1ST HIGH VALUE IS    2953.06679  ON 16012506: AT (  553523.60,  4198451.30,     3.80,   144.64,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALKY_FUG HIGH	1ST HIGH VALUE IS 2381.45884	ON 13021405:	AT (551063.00, 4200336.00, 6.51, 134.20, 1.50)	DC	
BERTH_1 HIGH	1ST HIGH VALUE IS 8433.75766	ON 16012506:	AT (551863.00, 4197236.00, -0.30, -0.30, 1.50)	DC	
BERTH_2 HIGH	1ST HIGH VALUE IS 9844.80747	ON 13121324:	AT (551863.00, 4197436.00, -0.30, -0.30, 1.50)	DC	
BERTH_3 HIGH	1ST HIGH VALUE IS 12372.66111	ON 13121324:	AT (552163.00, 4197636.00, -0.30, -0.30, 1.50)	DC	
BERTH_4 HIGH	1ST HIGH VALUE IS 10397.98377	ON 12111004:	AT (552663.00, 4197936.00, -0.30, 144.64, 1.50)	DC	
BERTH_9 HIGH	1ST HIGH VALUE IS 12740.48330	ON 12120818:	AT (552663.00, 4197936.00, -0.30, 144.64, 1.50)	DC	
YRD_DIB HIGH	1ST HIGH VALUE IS 1945.74857	ON 13021405:	AT (551263.00, 4200236.00, 21.63, 134.20, 1.50)	DC	
P_255 HIGH	1ST HIGH VALUE IS 295.21818	ON 13101423:	AT (552063.00, 4199536.00, 26.64, 149.23, 1.50)	DC	
S7601 HIGH	1ST HIGH VALUE IS 541.85821	ON 17120103:	AT (553901.90, 4198513.60, 3.32, 3.32, 1.50)	DC	
NR_GDF HIGH	1ST HIGH VALUE IS 15136.70652	ON 16012506:	AT (554217.50, 4198403.20, 3.06, 3.06, 1.50)	DC	
REF_FUG HIGH	1ST HIGH VALUE IS 569.48218	ON 13091724:	AT (552793.60, 4200815.70, 1.84, 149.23, 1.50)	DC	
S4431 HIGH	1ST HIGH VALUE IS 319.53086	ON 12100223:	AT (553077.20, 4200913.20, 2.24, 149.23, 1.50)	DC	
T3227 HIGH	1ST HIGH VALUE IS 959.50603	ON 16012506:	AT (552912.40, 4198464.20, 28.03, 149.23, 1.50)	DC	
T3228 HIGH	1ST HIGH VALUE IS 484.00868	ON 16012506:	AT (552908.60, 4198503.70, 15.44, 149.23, 1.50)	DC	
S4237 HIGH	1ST HIGH VALUE IS 158.99892	ON 17110203:	AT (552163.00, 4199636.00, 34.26, 149.23, 1.50)	DC	
CTRLOPA HIGH	1ST HIGH VALUE IS 80.24592	ON 16092518:	AT (552982.00, 4200882.60, 1.84, 149.23, 1.50)	DC	
CTRLOPB HIGH	1ST HIGH VALUE IS 90.33699	ON 16092518:	AT (552982.00, 4200882.60, 1.84, 149.23, 1.50)	DC	
FLR_DR HIGH	1ST HIGH VALUE IS 112.21714	ON 12111601:	AT (552303.20, 4199683.40, 73.39, 149.23, 1.50)	DC	
T3217 HIGH	1ST HIGH VALUE IS 935.53603	ON 12121220:	AT (552908.60, 4198503.70, 15.44, 149.23, 1.50)	DC	

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T3218    HIGH   1ST HIGH VALUE IS     467.80039  ON 13021207: AT (  552270.70,  4199658.70,    55.35,   149.23,    1.50)  DC

T3222    HIGH   1ST HIGH VALUE IS     478.47353  ON 13021405: AT (  551963.00,  4200036.00,    47.53,   149.23,    1.50)  DC

T955     HIGH   1ST HIGH VALUE IS     546.83411  ON 13012601: AT (  552263.00,  4199736.00,    64.66,   149.23,    1.50)  DC

T3157    HIGH   1ST HIGH VALUE IS    1152.16927  ON 15121722: AT (  552063.00,  4200136.00,    89.82,   134.20,    1.50)  DC

T3158    HIGH   1ST HIGH VALUE IS     718.35069  ON 17100407: AT (  551963.00,  4200236.00,    69.83,   134.20,    1.50)  DC

T3159    HIGH   1ST HIGH VALUE IS     532.97602  ON 17100407: AT (  552303.20,  4199683.40,    73.39,   149.23,    1.50)  DC
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*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25
*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
T3160	HIGH	1ST HIGH VALUE IS	530.63894	ON 13021405: AT (	552044.00,	4200247.50,	107.68,	123.49,	1.50)	DC	
T3161	HIGH	1ST HIGH VALUE IS	831.30772	ON 13021405: AT (	551963.00,	4200236.00,	69.83,	134.20,	1.50)	DC	
T3162	HIGH	1ST HIGH VALUE IS	632.95951	ON 12091901: AT (	552117.00,	4200141.30,	112.17,	114.10,	1.50)	DC	
T3163	HIGH	1ST HIGH VALUE IS	496.78594	ON 12090806: AT (	551960.80,	4199423.50,	32.66,	149.23,	1.50)	DC	
T3164	HIGH	1ST HIGH VALUE IS	631.80638	ON 16012506: AT (	552663.00,	4198436.00,	13.09,	149.23,	1.50)	DC	
T3165	HIGH	1ST HIGH VALUE IS	622.72375	ON 16012506: AT (	552535.90,	4198532.30,	12.18,	149.23,	1.50)	DC	
T3166	HIGH	1ST HIGH VALUE IS	505.84978	ON 12120818: AT (	552375.00,	4198515.80,	11.60,	149.23,	1.50)	DC	
T3167	HIGH	1ST HIGH VALUE IS	441.93815	ON 12090704: AT (	551975.80,	4198519.60,	5.86,	149.23,	1.50)	DC	
T3168	HIGH	1ST HIGH VALUE IS	696.07637	ON 16012506: AT (	552624.30,	4198476.40,	12.92,	149.23,	1.50)	DC	
T3169	HIGH	1ST HIGH VALUE IS	485.16933	ON 16012506: AT (	552535.90,	4198532.30,	12.18,	149.23,	1.50)	DC	
T3171	HIGH	1ST HIGH VALUE IS	721.87486	ON 16012506: AT (	552421.40,	4198576.20,	13.13,	149.23,	1.50)	DC	
T3172	HIGH	1ST HIGH VALUE IS	813.04221	ON 16012506: AT (	552404.80,	4198519.30,	11.72,	149.23,	1.50)	DC	
T3232	HIGH	1ST HIGH VALUE IS	1113.15396	ON 17100407: AT (	552482.00,	4198584.60,	15.84,	149.23,	1.50)	DC	
T3233	HIGH	1ST HIGH VALUE IS	2617.74174	ON 13021405: AT (	552450.80,	4198610.20,	15.67,	149.23,	1.50)	DC	
S4283	HIGH	1ST HIGH VALUE IS	115.40494	ON 13123118: AT (	553639.10,	4198471.90,	3.14,	51.17,	1.50)	DC	
T3219	HIGH	1ST HIGH VALUE IS	657.59219	ON 17120103: AT (	553463.00,	4198236.00,	12.93,	63.82,	1.50)	DC	
S7544	HIGH	1ST HIGH VALUE IS	176.00360	ON 13120824: AT (	553663.00,	4198136.00,	28.80,	63.82,	1.50)	DC	
S7545	HIGH	1ST HIGH VALUE IS	176.05592	ON 13120824: AT (	553663.00,	4198136.00,	28.80,	63.82,	1.50)	DC	
S7546	HIGH	1ST HIGH VALUE IS	207.94075	ON 13120824: AT (	553505.71,	4197990.89,	29.28,	63.82,	1.50)	DC	

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S7547    HIGH   1ST HIGH VALUE IS     188.95475  ON 12110422: AT (  551863.00,  4200036.00,    30.75,   149.23,    1.50)  DC

S7548    HIGH   1ST HIGH VALUE IS     184.29366  ON 12111820: AT (  551963.00,  4199836.00,    38.35,   149.23,    1.50)  DC

S7549    HIGH   1ST HIGH VALUE IS     184.13047  ON 17101807: AT (  552163.00,  4199636.00,    34.26,   149.23,    1.50)  DC

S7550    HIGH   1ST HIGH VALUE IS     293.88802  ON 16102923: AT (  552277.00,  4200904.10,     3.72,   149.23,    1.50)  DC

S7551    HIGH   1ST HIGH VALUE IS     875.56347  ON 15103106: AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC

S7552    HIGH   1ST HIGH VALUE IS     875.56347  ON 15103106: AT (  552831.00,  4200828.80,     1.73,   149.23,    1.50)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
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 *** AERMOD - VERSION 24142  ***   *** Chevron Refinery                                  ***        09/25/25
 *** AERMET - VERSION  18081 ***   *** Rule 11-18 HRA                                   ***        09:02:59
                                                                                                 PAGE 29885

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of           22 Warning Message(s)
 A Total of          454 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of            0 Calm Hours Identified

 A Total of          454 Missing Hours Identified (  1.04 Percent)


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


    ********   WARNING MESSAGES   ********
 CO W205      10       MODOPT: No Option Parameter Setting.  Forced by Default to         CONC
 SO W320    3885        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4056        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4389        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4392        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4662        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    4695        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    4877        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    4984        APARM: Input Parameter May Be Out-of-Range for Parameter         ANGLE
 SO W320    5959        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    5992        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6025        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6058        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6091        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6124        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6157        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6190        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320    6223        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 MX W403    6970       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
 MX W403       1       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
 MX W450   17545       CHKDAT: Record Out of Sequence in Meteorological File at:      15010101
 MX W450   17545       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap

    **********************************
    *** AERMOD Finishes Successfully ***
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Appendix H – Emission Inventory

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	25	Tank 25: Organic Liquid Storage Container	100414	Ethyl benzene	3.1E-02	7.0E-06
Storage Tank	55	Tank 55	106990	1,3-Butadiene	9.1E-03	2.1E-06
Storage Tank	55	Tank 55	71432	Benzene	2.2E-01	5.1E-05
Storage Tank	55	Tank 55	100414	Ethyl benzene	1.5E-02	3.4E-06
Storage Tank	55	Tank 55	110543	Hexane	4.4E-01	1.0E-04
Storage Tank	55	Tank 55	7783064	Hydrogen sulfide	1.0E-02	2.3E-06
Storage Tank	55	Tank 55	67561	Methanol	1.7E-03	3.9E-07
Storage Tank	55	Tank 55	91203	Naphthalene	8.5E-03	1.9E-06
Storage Tank	55	Tank 55	115071	Propylene	5.8E-02	1.3E-05
Storage Tank	55	Tank 55	108883	Toluene	1.1E-01	2.6E-05
Storage Tank	55	Tank 55	1330207	Xylenes (mixed)	7.0E-02	1.6E-05
Storage Tank	200	Tank 200A	110543	Hexane	1.1E-05	2.5E-09
Storage Tank	234	Tank 234	71432	Benzene	9.8E-03	2.2E-06
Storage Tank	234	Tank 234	100414	Ethyl benzene	4.2E-02	9.6E-06
Storage Tank	234	Tank 234	110543	Hexane	1.2E-02	2.8E-06
Storage Tank	234	Tank 234	7783064	Hydrogen sulfide	5.3E-04	1.2E-07
Storage Tank	234	Tank 234	108883	Toluene	3.9E-02	9.0E-06
Storage Tank	234	Tank 234	1330207	Xylenes (mixed)	1.7E-01	3.9E-05
Storage Tank	397	Tank 397	106990	1,3-Butadiene	1.1E+00	2.6E-04
Storage Tank	397	Tank 397	123911	1,4-Dioxane	9.9E-05	2.3E-08
Storage Tank	397	Tank 397	107028	Acrolein	2.4E-04	5.5E-08
Storage Tank	397	Tank 397	71432	Benzene	1.7E-01	3.9E-05
Storage Tank	397	Tank 397	50328	Benzo[a]pyrene	9.0E-01	2.1E-04
Storage Tank	397	Tank 397	75150	Carbon disulfide	5.6E-02	1.3E-05
Storage Tank	397	Tank 397	463581	Carbonyl sulfide	2.3E+01	5.1E-03
Storage Tank	397	Tank 397	1319773	Cresols (mixtures of) {Cresylic acid}	1.1E+00	2.6E-04
Storage Tank	397	Tank 397	111422	Diethanolamine	5.9E-01	1.3E-04
Storage Tank	397	Tank 397	100414	Ethyl benzene	1.3E+00	3.0E-04
Storage Tank	397	Tank 397	106934	Ethylene dibromide {EDB}	5.6E-02	1.3E-05
Storage Tank	397	Tank 397	107062	Ethylene dichloride {EDC}	2.8E-02	6.4E-06
Storage Tank	397	Tank 397	110543	Hexane	5.7E-01	1.3E-04
Storage Tank	397	Tank 397	7783064	Hydrogen sulfide	5.3E-03	1.2E-06
Storage Tank	397	Tank 397	67630	Isopropyl alcohol	5.7E-04	1.3E-07
Storage Tank	397	Tank 397	67561	Methanol	6.5E-02	1.5E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	397	Tank 397	78933	Methyl ethyl ketone {2-Butanone}	1.7E-04	3.9E-08
Storage Tank	397	Tank 397	1634044	Methyl tert-butyl ether	4.3E-01	9.8E-05
Storage Tank	397	Tank 397	75092	Methylene chloride {Dichloromethane}	9.4E-05	2.1E-08
Storage Tank	397	Tank 397	91203	Naphthalene	2.1E+00	4.9E-04
Storage Tank	397	Tank 397	108952	Phenol	5.6E-03	1.3E-06
Storage Tank	397	Tank 397	115071	Propylene	4.3E-04	9.9E-08
Storage Tank	397	Tank 397	100425	Styrene	9.7E-01	2.2E-04
Storage Tank	397	Tank 397	108883	Toluene	1.4E+00	3.2E-04
Storage Tank	397	Tank 397	1330207	Xylenes (mixed)	5.2E-01	1.2E-04
Storage Tank	399	Tank 399	106990	1,3-Butadiene	3.2E+00	7.3E-04
Storage Tank	399	Tank 399	7664417	Ammonia	8.5E+00	1.9E-03
Storage Tank	399	Tank 399	71432	Benzene	1.3E+00	3.0E-04
Storage Tank	399	Tank 399	463581	Carbonyl sulfide	8.9E-01	2.0E-04
Storage Tank	399	Tank 399	110543	Hexane	2.0E+01	4.7E-03
Storage Tank	399	Tank 399	7783064	Hydrogen sulfide	3.9E+01	8.8E-03
Storage Tank	399	Tank 399	115071	Propylene	1.2E+02	2.7E-02
Storage Tank	399	Tank 399	108883	Toluene	3.1E+00	7.0E-04
Storage Tank	679	Tank 679	106990	1,3-Butadiene	2.3E-02	5.3E-06
Storage Tank	679	Tank 679	71432	Benzene	9.3E-02	2.1E-05
Storage Tank	679	Tank 679	50328	Benzo[a]pyrene	5.0E-03	1.1E-06
Storage Tank	679	Tank 679	75150	Carbon disulfide	9.3E-03	2.1E-06
Storage Tank	679	Tank 679	463581	Carbonyl sulfide	9.3E+00	2.1E-03
Storage Tank	679	Tank 679	111422	Diethanolamine	2.4E-01	5.5E-05
Storage Tank	679	Tank 679	100414	Ethyl benzene	1.6E+00	3.6E-04
Storage Tank	679	Tank 679	106934	Ethylene dibromide {EDB}	9.3E-03	2.1E-06
Storage Tank	679	Tank 679	107062	Ethylene dichloride {EDC}	4.6E-03	1.1E-06
Storage Tank	679	Tank 679	110543	Hexane	3.2E-02	7.4E-06
Storage Tank	679	Tank 679	7783064	Hydrogen sulfide	6.6E-04	1.5E-07
Storage Tank	679	Tank 679	67561	Methanol	9.7E-03	2.2E-06
Storage Tank	679	Tank 679	78933	Methyl ethyl ketone {2-Butanone}	4.6E-03	1.1E-06
Storage Tank	679	Tank 679	1634044	Methyl tert-butyl ether	4.6E-03	1.1E-06
Storage Tank	679	Tank 679	91203	Naphthalene	8.2E-01	1.9E-04
Storage Tank	679	Tank 679	108952	Phenol	9.3E+00	2.1E-03
Storage Tank	679	Tank 679	108883	Toluene	4.6E-01	1.1E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	679	Tank 679	1330207	Xylenes (mixed)	4.2E+00	9.6E-04
Storage Tank	892	Tank 892: Inorganic Chemical Storage	106990	1,3-Butadiene	1.6E-06	3.6E-10
Storage Tank	892	Tank 892: Inorganic Chemical Storage	75070	Acetaldehyde	4.0E-07	9.1E-11
Storage Tank	892	Tank 892: Inorganic Chemical Storage	7664417	Ammonia	2.6E-08	6.0E-12
Storage Tank	892	Tank 892: Inorganic Chemical Storage	71432	Benzene	7.4E-07	1.7E-10
Storage Tank	892	Tank 892: Inorganic Chemical Storage	50328	Benzo[a]pyrene	7.7E-07	1.8E-10
Storage Tank	892	Tank 892: Inorganic Chemical Storage	75150	Carbon disulfide	6.6E-07	1.5E-10
Storage Tank	892	Tank 892: Inorganic Chemical Storage	56235	Carbon tetrachloride	1.8E-07	4.2E-11
Storage Tank	892	Tank 892: Inorganic Chemical Storage	463581	Carbonyl sulfide	2.6E-03	6.0E-07
Storage Tank	892	Tank 892: Inorganic Chemical Storage	1319773	Cresols (mixtures of) {Cresylic acid}	3.2E-04	7.3E-08
Storage Tank	892	Tank 892: Inorganic Chemical Storage	111422	Diethanolamine	6.8E-03	1.5E-06
Storage Tank	892	Tank 892: Inorganic Chemical Storage	100414	Ethyl benzene	7.1E-08	1.6E-11
Storage Tank	892	Tank 892: Inorganic Chemical Storage	106934	Ethylene dibromide {EDB}	6.6E-07	1.5E-10
Storage Tank	892	Tank 892: Inorganic Chemical Storage	107062	Ethylene dichloride {EDC}	3.3E-07	7.6E-11
Storage Tank	892	Tank 892: Inorganic Chemical Storage	110543	Hexane	6.6E-07	1.5E-10
Storage Tank	892	Tank 892: Inorganic Chemical Storage	7783064	Hydrogen sulfide	2.6E-07	6.0E-11
Storage Tank	892	Tank 892: Inorganic Chemical Storage	67561	Methanol	1.1E-03	2.5E-07
Storage Tank	892	Tank 892: Inorganic Chemical Storage	78933	Methyl ethyl ketone {2-Butanone}	4.8E-06	1.1E-09
Storage Tank	892	Tank 892: Inorganic Chemical Storage	1634044	Methyl tert-butyl ether	3.3E-07	7.6E-11
Storage Tank	892	Tank 892: Inorganic Chemical Storage	91203	Naphthalene	7.3E-09	1.7E-12
Storage Tank	892	Tank 892: Inorganic Chemical Storage	108952	Phenol	3.7E-03	8.5E-07
Storage Tank	892	Tank 892: Inorganic Chemical Storage	100425	Styrene	3.6E-07	8.1E-11
Storage Tank	892	Tank 892: Inorganic Chemical Storage	108883	Toluene	5.1E-07	1.2E-10
Storage Tank	892	Tank 892: Inorganic Chemical Storage	1330207	Xylenes (mixed)	2.6E-07	5.8E-11
Storage Tank	955	Tank 955	71432	Benzene	8.9E-08	2.0E-11
Storage Tank	955	Tank 955	50328	Benzo[a]pyrene	3.7E-05	8.5E-09
Storage Tank	955	Tank 955	110543	Hexane	1.5E-03	3.5E-07
Storage Tank	955	Tank 955	91203	Naphthalene	7.1E-07	1.6E-10
Storage Tank	984	Tank 984	106990	1,3-Butadiene	4.4E-01	1.0E-04
Storage Tank	984	Tank 984	123911	1,4-Dioxane	3.9E-05	8.8E-09
Storage Tank	984	Tank 984	107028	Acrolein	9.5E-05	2.2E-08
Storage Tank	984	Tank 984	71432	Benzene	6.7E-02	1.5E-05
Storage Tank	984	Tank 984	50328	Benzo[a]pyrene	3.5E-01	8.1E-05
Storage Tank	984	Tank 984	75150	Carbon disulfide	2.2E-02	5.0E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	984	Tank 984	463581	Carbonyl sulfide	8.8E+00	2.0E-03
Storage Tank	984	Tank 984	1319773	Cresols (mixtures of) {Cresylic acid}	4.4E-01	1.0E-04
Storage Tank	984	Tank 984	111422	Diethanolamine	2.3E-01	5.2E-05
Storage Tank	984	Tank 984	100414	Ethyl benzene	5.1E-01	1.2E-04
Storage Tank	984	Tank 984	106934	Ethylene dibromide {EDB}	2.2E-02	5.0E-06
Storage Tank	984	Tank 984	107062	Ethylene dichloride {EDC}	1.1E-02	2.5E-06
Storage Tank	984	Tank 984	110543	Hexane	2.2E-01	5.1E-05
Storage Tank	984	Tank 984	7783064	Hydrogen sulfide	2.1E-03	4.8E-07
Storage Tank	984	Tank 984	67630	Isopropyl alcohol	2.3E-04	5.1E-08
Storage Tank	984	Tank 984	67561	Methanol	2.5E-02	5.8E-06
Storage Tank	984	Tank 984	78933	Methyl ethyl ketone {2-Butanone}	6.6E-05	1.5E-08
Storage Tank	984	Tank 984	1634044	Methyl tert-butyl ether	1.7E-01	3.8E-05
Storage Tank	984	Tank 984	75092	Methylene chloride {Dichloromethane}	3.7E-05	8.4E-09
Storage Tank	984	Tank 984	91203	Naphthalene	8.4E-01	1.9E-04
Storage Tank	984	Tank 984	108952	Phenol	2.2E-03	5.0E-07
Storage Tank	984	Tank 984	115071	Propylene	1.7E-04	3.9E-08
Storage Tank	984	Tank 984	100425	Styrene	3.8E-01	8.6E-05
Storage Tank	984	Tank 984	108883	Toluene	5.6E-01	1.3E-04
Storage Tank	984	Tank 984	1330207	Xylenes (mixed)	2.0E-01	4.6E-05
Storage Tank	990	Tank 990	106990	1,3-Butadiene	6.4E-01	1.5E-04
Storage Tank	990	Tank 990	71432	Benzene	3.0E+01	6.8E-03
Storage Tank	990	Tank 990	50328	Benzo[a]pyrene	4.0E-05	9.2E-09
Storage Tank	990	Tank 990	75150	Carbon disulfide	7.8E-02	1.8E-05
Storage Tank	990	Tank 990	463581	Carbonyl sulfide	4.0E+01	9.2E-03
Storage Tank	990	Tank 990	1319773	Cresols (mixtures of) {Cresylic acid}	3.6E+00	8.2E-04
Storage Tank	990	Tank 990	111422	Diethanolamine	9.9E-01	2.3E-04
Storage Tank	990	Tank 990	100414	Ethyl benzene	7.7E+01	1.7E-02
Storage Tank	990	Tank 990	106934	Ethylene dibromide {EDB}	1.0E-01	2.3E-05
Storage Tank	990	Tank 990	107062	Ethylene dichloride {EDC}	5.0E-02	1.1E-05
Storage Tank	990	Tank 990	110543	Hexane	1.8E+01	4.0E-03
Storage Tank	990	Tank 990	7783064	Hydrogen sulfide	6.0E-03	1.4E-06
Storage Tank	990	Tank 990	67561	Methanol	1.2E+00	2.8E-04
Storage Tank	990	Tank 990	78933	Methyl ethyl ketone {2-Butanone}	1.0E-01	2.3E-05
Storage Tank	990	Tank 990	1634044	Methyl tert-butyl ether	2.2E+01	5.1E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	990	Tank 990	91203	Naphthalene	8.3E+00	1.9E-03
Storage Tank	990	Tank 990	108952	Phenol	1.0E-02	2.3E-06
Storage Tank	990	Tank 990	115071	Propylene	1.1E+00	2.6E-04
Storage Tank	990	Tank 990	100425	Styrene	1.3E+00	3.1E-04
Storage Tank	990	Tank 990	108883	Toluene	3.6E+02	8.2E-02
Storage Tank	990	Tank 990	1330207	Xylenes (mixed)	3.8E+02	8.6E-02
Storage Tank	991	Tank 991	106990	1,3-Butadiene	5.8E-01	1.3E-04
Storage Tank	991	Tank 991	71432	Benzene	2.7E+01	6.2E-03
Storage Tank	991	Tank 991	50328	Benzo[a]pyrene	3.7E-05	8.4E-09
Storage Tank	991	Tank 991	75150	Carbon disulfide	7.1E-02	1.6E-05
Storage Tank	991	Tank 991	463581	Carbonyl sulfide	3.7E+01	8.4E-03
Storage Tank	991	Tank 991	1319773	Cresols (mixtures of) {Cresylic acid}	3.3E+00	7.4E-04
Storage Tank	991	Tank 991	111422	Diethanolamine	9.0E-01	2.1E-04
Storage Tank	991	Tank 991	100414	Ethyl benzene	7.0E+01	1.6E-02
Storage Tank	991	Tank 991	106934	Ethylene dibromide {EDB}	9.2E-02	2.1E-05
Storage Tank	991	Tank 991	107062	Ethylene dichloride {EDC}	4.6E-02	1.0E-05
Storage Tank	991	Tank 991	110543	Hexane	1.6E+01	3.7E-03
Storage Tank	991	Tank 991	7783064	Hydrogen sulfide	5.5E-03	1.3E-06
Storage Tank	991	Tank 991	67561	Methanol	1.1E+00	2.5E-04
Storage Tank	991	Tank 991	78933	Methyl ethyl ketone {2-Butanone}	9.2E-02	2.1E-05
Storage Tank	991	Tank 991	1634044	Methyl tert-butyl ether	2.0E+01	4.6E-03
Storage Tank	991	Tank 991	91203	Naphthalene	7.6E+00	1.7E-03
Storage Tank	991	Tank 991	108952	Phenol	9.2E-03	2.1E-06
Storage Tank	991	Tank 991	115071	Propylene	1.0E+00	2.3E-04
Storage Tank	991	Tank 991	100425	Styrene	1.2E+00	2.8E-04
Storage Tank	991	Tank 991	108883	Toluene	3.3E+02	7.5E-02
Storage Tank	991	Tank 991	1330207	Xylenes (mixed)	3.4E+02	7.9E-02
Storage Tank	992	Storage Tank T-992	106990	1,3-Butadiene	4.2E-01	9.6E-05
Storage Tank	992	Storage Tank T-992	71432	Benzene	2.0E+01	4.5E-03
Storage Tank	992	Storage Tank T-992	50328	Benzo[a]pyrene	2.7E-05	6.1E-09
Storage Tank	992	Storage Tank T-992	75150	Carbon disulfide	5.1E-02	1.2E-05
Storage Tank	992	Storage Tank T-992	463581	Carbonyl sulfide	2.7E+01	6.1E-03
Storage Tank	992	Storage Tank T-992	1319773	Cresols (mixtures of) {Cresylic acid}	2.4E+00	5.4E-04
Storage Tank	992	Storage Tank T-992	111422	Diethanolamine	6.6E-01	1.5E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	992	Storage Tank T-992	100414	Ethyl benzene	5.1E+01	1.2E-02
Storage Tank	992	Storage Tank T-992	106934	Ethylene dibromide {EDB}	6.7E-02	1.5E-05
Storage Tank	992	Storage Tank T-992	107062	Ethylene dichloride {EDC}	3.3E-02	7.6E-06
Storage Tank	992	Storage Tank T-992	110543	Hexane	1.2E+01	2.7E-03
Storage Tank	992	Storage Tank T-992	7783064	Hydrogen sulfide	4.0E-03	9.1E-07
Storage Tank	992	Storage Tank T-992	67561	Methanol	8.0E-01	1.8E-04
Storage Tank	992	Storage Tank T-992	78933	Methyl ethyl ketone {2-Butanone}	6.7E-02	1.5E-05
Storage Tank	992	Storage Tank T-992	1634044	Methyl tert-butyl ether	1.5E+01	3.4E-03
Storage Tank	992	Storage Tank T-992	91203	Naphthalene	5.5E+00	1.3E-03
Storage Tank	992	Storage Tank T-992	108952	Phenol	6.7E-03	1.5E-06
Storage Tank	992	Storage Tank T-992	115071	Propylene	7.4E-01	1.7E-04
Storage Tank	992	Storage Tank T-992	100425	Styrene	8.8E-01	2.0E-04
Storage Tank	992	Storage Tank T-992	108883	Toluene	2.4E+02	5.5E-02
Storage Tank	992	Storage Tank T-992	1330207	Xylenes (mixed)	2.5E+02	5.7E-02
Storage Tank	1020	Tank 1020: Inorganic Chemical Storage Tank	110543	Hexane	4.4E-04	1.0E-07
Storage Tank	1287	Tank 1287	71432	Benzene	7.0E+00	1.6E-03
Storage Tank	1287	Tank 1287	100414	Ethyl benzene	8.9E+00	2.0E-03
Storage Tank	1287	Tank 1287	110543	Hexane	4.1E+01	9.3E-03
Storage Tank	1287	Tank 1287	100425	Styrene	2.0E+00	4.6E-04
Storage Tank	1287	Tank 1287	108883	Toluene	3.4E+01	7.8E-03
Storage Tank	1287	Tank 1287	1330207	Xylenes (mixed)	7.0E+00	1.6E-03
Storage Tank	1289	Tank 1289	106990	1,3-Butadiene	1.5E-01	3.4E-05
Storage Tank	1289	Tank 1289	71432	Benzene	7.0E+00	1.6E-03
Storage Tank	1289	Tank 1289	50328	Benzo[a]pyrene	9.5E-06	2.2E-09
Storage Tank	1289	Tank 1289	75150	Carbon disulfide	1.8E-02	4.2E-06
Storage Tank	1289	Tank 1289	463581	Carbonyl sulfide	9.5E+00	2.2E-03
Storage Tank	1289	Tank 1289	1319773	Cresols (mixtures of) {Cresylic acid}	8.4E-01	1.9E-04
Storage Tank	1289	Tank 1289	111422	Diethanolamine	2.3E-01	5.3E-05
Storage Tank	1289	Tank 1289	100414	Ethyl benzene	1.8E+01	4.1E-03
Storage Tank	1289	Tank 1289	106934	Ethylene dibromide {EDB}	2.4E-02	5.4E-06
Storage Tank	1289	Tank 1289	107062	Ethylene dichloride {EDC}	1.2E-02	2.7E-06
Storage Tank	1289	Tank 1289	110543	Hexane	4.1E+00	9.4E-04
Storage Tank	1289	Tank 1289	7783064	Hydrogen sulfide	1.4E-03	3.2E-07
Storage Tank	1289	Tank 1289	67561	Methanol	2.8E-01	6.5E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1289	Tank 1289	78933	Methyl ethyl ketone {2-Butanone}	2.4E-02	5.4E-06
Storage Tank	1289	Tank 1289	1634044	Methyl tert-butyl ether	5.3E+00	1.2E-03
Storage Tank	1289	Tank 1289	91203	Naphthalene	2.0E+00	4.5E-04
Storage Tank	1289	Tank 1289	108952	Phenol	2.4E-03	5.4E-07
Storage Tank	1289	Tank 1289	115071	Propylene	2.6E-01	6.0E-05
Storage Tank	1289	Tank 1289	100425	Styrene	3.1E-01	7.2E-05
Storage Tank	1289	Tank 1289	108883	Toluene	8.5E+01	1.9E-02
Storage Tank	1289	Tank 1289	1330207	Xylenes (mixed)	8.9E+01	2.0E-02
Storage Tank	1292	Tank 1292	106990	1,3-Butadiene	8.6E-03	2.0E-06
Storage Tank	1292	Tank 1292	123911	1,4-Dioxane	7.6E-07	1.7E-10
Storage Tank	1292	Tank 1292	107028	Acrolein	1.9E-06	4.3E-10
Storage Tank	1292	Tank 1292	71432	Benzene	6.8E-02	1.6E-05
Storage Tank	1292	Tank 1292	50328	Benzo[a]pyrene	1.7E-01	3.9E-05
Storage Tank	1292	Tank 1292	75150	Carbon disulfide	4.3E-04	9.9E-08
Storage Tank	1292	Tank 1292	463581	Carbonyl sulfide	1.7E-01	3.9E-05
Storage Tank	1292	Tank 1292	1319773	Cresols (mixtures of) {Cresylic acid}	3.0E-02	6.8E-06
Storage Tank	1292	Tank 1292	111422	Diethanolamine	4.5E-03	1.0E-06
Storage Tank	1292	Tank 1292	100414	Ethyl benzene	6.7E-02	1.5E-05
Storage Tank	1292	Tank 1292	106934	Ethylene dibromide {EDB}	4.3E-04	9.9E-08
Storage Tank	1292	Tank 1292	107062	Ethylene dichloride {EDC}	2.2E-04	4.9E-08
Storage Tank	1292	Tank 1292	110543	Hexane	6.4E-02	1.5E-05
Storage Tank	1292	Tank 1292	7783064	Hydrogen sulfide	1.1E-04	2.4E-08
Storage Tank	1292	Tank 1292	67630	Isopropyl alcohol	4.4E-06	1.0E-09
Storage Tank	1292	Tank 1292	67561	Methanol	5.0E-04	1.1E-07
Storage Tank	1292	Tank 1292	78933	Methyl ethyl ketone {2-Butanone}	1.3E-06	3.0E-10
Storage Tank	1292	Tank 1292	1634044	Methyl tert-butyl ether	3.3E-03	7.5E-07
Storage Tank	1292	Tank 1292	75092	Methylene chloride {Dichloromethane}	7.2E-07	1.6E-10
Storage Tank	1292	Tank 1292	91203	Naphthalene	5.6E-02	1.3E-05
Storage Tank	1292	Tank 1292	108952	Phenol	2.1E-02	4.8E-06
Storage Tank	1292	Tank 1292	115071	Propylene	3.3E-06	7.6E-10
Storage Tank	1292	Tank 1292	100425	Styrene	7.4E-03	1.7E-06
Storage Tank	1292	Tank 1292	108883	Toluene	1.8E+00	4.1E-04
Storage Tank	1292	Tank 1292	1330207	Xylenes (mixed)	2.8E-01	6.5E-05
Storage Tank	1296	Tank 1296	106990	1,3-Butadiene	1.9E-01	4.3E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1296	Tank 1296	71432	Benzene	8.8E+00	2.0E-03
Storage Tank	1296	Tank 1296	50328	Benzo[a]pyrene	1.2E-05	2.7E-09
Storage Tank	1296	Tank 1296	75150	Carbon disulfide	2.3E-02	5.3E-06
Storage Tank	1296	Tank 1296	463581	Carbonyl sulfide	1.2E+01	2.7E-03
Storage Tank	1296	Tank 1296	1319773	Cresols (mixtures of) {Cresylic acid}	1.1E+00	2.4E-04
Storage Tank	1296	Tank 1296	111422	Diethanolamine	2.9E-01	6.7E-05
Storage Tank	1296	Tank 1296	100414	Ethyl benzene	2.3E+01	5.2E-03
Storage Tank	1296	Tank 1296	106934	Ethylene dibromide {EDB}	3.0E-02	6.8E-06
Storage Tank	1296	Tank 1296	107062	Ethylene dichloride {EDC}	1.5E-02	3.4E-06
Storage Tank	1296	Tank 1296	110543	Hexane	5.2E+00	1.2E-03
Storage Tank	1296	Tank 1296	7783064	Hydrogen sulfide	1.8E-03	4.1E-07
Storage Tank	1296	Tank 1296	67561	Methanol	3.6E-01	8.1E-05
Storage Tank	1296	Tank 1296	78933	Methyl ethyl ketone {2-Butanone}	3.0E-02	6.8E-06
Storage Tank	1296	Tank 1296	1634044	Methyl tert-butyl ether	6.6E+00	1.5E-03
Storage Tank	1296	Tank 1296	91203	Naphthalene	2.5E+00	5.6E-04
Storage Tank	1296	Tank 1296	108952	Phenol	3.0E-03	6.8E-07
Storage Tank	1296	Tank 1296	115071	Propylene	3.3E-01	7.6E-05
Storage Tank	1296	Tank 1296	100425	Styrene	4.0E-01	9.0E-05
Storage Tank	1296	Tank 1296	108883	Toluene	1.1E+02	2.4E-02
Storage Tank	1296	Tank 1296	1330207	Xylenes (mixed)	1.1E+02	2.6E-02
Storage Tank	1297	Tank 1297: Organic Storage Tank	106990	1,3-Butadiene	5.4E-06	1.2E-09
Storage Tank	1297	Tank 1297: Organic Storage Tank	75070	Acetaldehyde	1.3E-06	3.1E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	7664417	Ammonia	8.9E-08	2.0E-11
Storage Tank	1297	Tank 1297: Organic Storage Tank	71432	Benzene	2.5E-06	5.7E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	50328	Benzo[a]pyrene	2.6E-06	5.9E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	75150	Carbon disulfide	2.2E-06	5.1E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	56235	Carbon tetrachloride	6.2E-07	1.4E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	463581	Carbonyl sulfide	8.9E-03	2.0E-06
Storage Tank	1297	Tank 1297: Organic Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	1.1E-03	2.5E-07
Storage Tank	1297	Tank 1297: Organic Storage Tank	111422	Diethanolamine	2.3E-02	5.2E-06
Storage Tank	1297	Tank 1297: Organic Storage Tank	100414	Ethyl benzene	2.4E-07	5.4E-11
Storage Tank	1297	Tank 1297: Organic Storage Tank	106934	Ethylene dibromide {EDB}	2.2E-06	5.1E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	107062	Ethylene dichloride {EDC}	1.1E-06	2.5E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	110543	Hexane	2.2E-06	5.1E-10

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1297	Tank 1297: Organic Storage Tank	7783064	Hydrogen sulfide	8.9E-07	2.0E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	67561	Methanol	3.7E-03	8.4E-07
Storage Tank	1297	Tank 1297: Organic Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	1.6E-05	3.7E-09
Storage Tank	1297	Tank 1297: Organic Storage Tank	1634044	Methyl tert-butyl ether	1.1E-06	2.5E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	91203	Naphthalene	2.5E-08	5.6E-12
Storage Tank	1297	Tank 1297: Organic Storage Tank	108952	Phenol	1.3E-02	2.9E-06
Storage Tank	1297	Tank 1297: Organic Storage Tank	100425	Styrene	1.2E-06	2.7E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	108883	Toluene	1.7E-06	3.9E-10
Storage Tank	1297	Tank 1297: Organic Storage Tank	1330207	Xylenes (mixed)	8.6E-07	2.0E-10
Storage Tank	1428	Tank 1428	71432	Benzene	5.8E-02	1.3E-05
Storage Tank	1428	Tank 1428	100414	Ethyl benzene	2.5E-01	5.7E-05
Storage Tank	1428	Tank 1428	110543	Hexane	7.3E-02	1.7E-05
Storage Tank	1428	Tank 1428	7783064	Hydrogen sulfide	3.1E-03	7.2E-07
Storage Tank	1428	Tank 1428	108883	Toluene	2.3E-01	5.4E-05
Storage Tank	1428	Tank 1428	1330207	Xylenes (mixed)	1.0E+00	2.3E-04
Storage Tank	1455	Tank 1455	106990	1,3-Butadiene	1.3E-03	2.9E-07
Storage Tank	1455	Tank 1455	75070	Acetaldehyde	3.2E-04	7.3E-08
Storage Tank	1455	Tank 1455	7664417	Ammonia	2.1E-05	4.9E-09
Storage Tank	1455	Tank 1455	71432	Benzene	6.0E-04	1.4E-07
Storage Tank	1455	Tank 1455	50328	Benzo[a]pyrene	6.2E-04	1.4E-07
Storage Tank	1455	Tank 1455	75150	Carbon disulfide	5.3E-04	1.2E-07
Storage Tank	1455	Tank 1455	56235	Carbon tetrachloride	1.5E-04	3.4E-08
Storage Tank	1455	Tank 1455	463581	Carbonyl sulfide	2.1E+00	4.9E-04
Storage Tank	1455	Tank 1455	1319773	Cresols (mixtures of) {Cresylic acid}	2.6E-01	5.9E-05
Storage Tank	1455	Tank 1455	111422	Diethanolamine	5.4E+00	1.2E-03
Storage Tank	1455	Tank 1455	100414	Ethyl benzene	5.7E-05	1.3E-08
Storage Tank	1455	Tank 1455	106934	Ethylene dibromide {EDB}	5.3E-04	1.2E-07
Storage Tank	1455	Tank 1455	107062	Ethylene dichloride {EDC}	2.7E-04	6.1E-08
Storage Tank	1455	Tank 1455	110543	Hexane	5.3E-04	1.2E-07
Storage Tank	1455	Tank 1455	7783064	Hydrogen sulfide	2.1E-04	4.9E-08
Storage Tank	1455	Tank 1455	67561	Methanol	8.7E-01	2.0E-04
Storage Tank	1455	Tank 1455	78933	Methyl ethyl ketone {2-Butanone}	3.9E-03	8.9E-07
Storage Tank	1455	Tank 1455	1634044	Methyl tert-butyl ether	2.7E-04	6.1E-08
Storage Tank	1455	Tank 1455	91203	Naphthalene	5.9E-06	1.3E-09

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1455	Tank 1455	108952	Phenol	3.0E+00	6.9E-04
Storage Tank	1455	Tank 1455	100425	Styrene	2.9E-04	6.5E-08
Storage Tank	1455	Tank 1455	108883	Toluene	4.1E-04	9.3E-08
Storage Tank	1455	Tank 1455	1330207	Xylenes (mixed)	2.1E-04	4.7E-08
Storage Tank	1459	Tank 1459	106990	1,3-Butadiene	2.9E-01	6.7E-05
Storage Tank	1459	Tank 1459	71432	Benzene	1.4E+01	3.1E-03
Storage Tank	1459	Tank 1459	50328	Benzo[a]pyrene	1.8E-05	4.2E-09
Storage Tank	1459	Tank 1459	75150	Carbon disulfide	3.6E-02	8.1E-06
Storage Tank	1459	Tank 1459	463581	Carbonyl sulfide	1.8E+01	4.2E-03
Storage Tank	1459	Tank 1459	1319773	Cresols (mixtures of) {Cresylic acid}	1.6E+00	3.8E-04
Storage Tank	1459	Tank 1459	111422	Diethanolamine	4.6E-01	1.0E-04
Storage Tank	1459	Tank 1459	100414	Ethyl benzene	3.5E+01	8.0E-03
Storage Tank	1459	Tank 1459	106934	Ethylene dibromide {EDB}	4.6E-02	1.1E-05
Storage Tank	1459	Tank 1459	107062	Ethylene dichloride {EDC}	2.3E-02	5.3E-06
Storage Tank	1459	Tank 1459	110543	Hexane	8.1E+00	1.8E-03
Storage Tank	1459	Tank 1459	7783064	Hydrogen sulfide	2.8E-03	6.3E-07
Storage Tank	1459	Tank 1459	67561	Methanol	5.5E-01	1.3E-04
Storage Tank	1459	Tank 1459	78933	Methyl ethyl ketone {2-Butanone}	4.6E-02	1.1E-05
Storage Tank	1459	Tank 1459	1634044	Methyl tert-butyl ether	1.0E+01	2.3E-03
Storage Tank	1459	Tank 1459	91203	Naphthalene	3.8E+00	8.7E-04
Storage Tank	1459	Tank 1459	108952	Phenol	4.6E-03	1.1E-06
Storage Tank	1459	Tank 1459	115071	Propylene	5.2E-01	1.2E-04
Storage Tank	1459	Tank 1459	100425	Styrene	6.1E-01	1.4E-04
Storage Tank	1459	Tank 1459	108883	Toluene	1.7E+02	3.8E-02
Storage Tank	1459	Tank 1459	1330207	Xylenes (mixed)	1.7E+02	4.0E-02
Storage Tank	1488	Tank 1488	106990	1,3-Butadiene	7.3E-01	1.7E-04
Storage Tank	1488	Tank 1488	71432	Benzene	3.4E+01	7.8E-03
Storage Tank	1488	Tank 1488	50328	Benzo[a]pyrene	4.6E-05	1.0E-08
Storage Tank	1488	Tank 1488	75150	Carbon disulfide	8.9E-02	2.0E-05
Storage Tank	1488	Tank 1488	463581	Carbonyl sulfide	4.6E+01	1.0E-02
Storage Tank	1488	Tank 1488	1319773	Cresols (mixtures of) {Cresylic acid}	4.1E+00	9.3E-04
Storage Tank	1488	Tank 1488	111422	Diethanolamine	1.1E+00	2.6E-04
Storage Tank	1488	Tank 1488	100414	Ethyl benzene	8.7E+01	2.0E-02
Storage Tank	1488	Tank 1488	106934	Ethylene dibromide {EDB}	1.1E-01	2.6E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1488	Tank 1488	107062	Ethylene dichloride {EDC}	5.7E-02	1.3E-05
Storage Tank	1488	Tank 1488	110543	Hexane	2.0E+01	4.6E-03
Storage Tank	1488	Tank 1488	7783064	Hydrogen sulfide	6.9E-03	1.6E-06
Storage Tank	1488	Tank 1488	67561	Methanol	1.4E+00	3.1E-04
Storage Tank	1488	Tank 1488	78933	Methyl ethyl ketone {2-Butanone}	1.1E-01	2.6E-05
Storage Tank	1488	Tank 1488	1634044	Methyl tert-butyl ether	2.6E+01	5.8E-03
Storage Tank	1488	Tank 1488	91203	Naphthalene	9.5E+00	2.2E-03
Storage Tank	1488	Tank 1488	108952	Phenol	1.1E-02	2.6E-06
Storage Tank	1488	Tank 1488	115071	Propylene	1.3E+00	2.9E-04
Storage Tank	1488	Tank 1488	100425	Styrene	1.5E+00	3.5E-04
Storage Tank	1488	Tank 1488	108883	Toluene	4.1E+02	9.4E-02
Storage Tank	1488	Tank 1488	1330207	Xylenes (mixed)	4.3E+02	9.9E-02
Storage Tank	1489	Tank 1489	71432	Benzene	3.6E+00	8.2E-04
Storage Tank	1489	Tank 1489	1319773	Cresols (mixtures of) {Cresylic acid}	2.9E+00	6.6E-04
Storage Tank	1489	Tank 1489	100414	Ethyl benzene	2.5E-01	5.7E-05
Storage Tank	1489	Tank 1489	110543	Hexane	1.5E+00	3.5E-04
Storage Tank	1489	Tank 1489	91203	Naphthalene	2.9E+00	6.7E-04
Storage Tank	1489	Tank 1489	108952	Phenol	1.2E-02	2.8E-06
Storage Tank	1489	Tank 1489	100425	Styrene	9.9E-01	2.3E-04
Storage Tank	1489	Tank 1489	108883	Toluene	2.5E-01	5.7E-05
Storage Tank	1489	Tank 1489	1330207	Xylenes (mixed)	2.5E+00	5.8E-04
Storage Tank	1491	Tank 1491	106990	1,3-Butadiene	1.2E-01	2.8E-05
Storage Tank	1491	Tank 1491	71432	Benzene	5.2E+01	1.2E-02
Storage Tank	1491	Tank 1491	50328	Benzo[a]pyrene	7.8E-06	1.8E-09
Storage Tank	1491	Tank 1491	75150	Carbon disulfide	1.5E-02	3.4E-06
Storage Tank	1491	Tank 1491	463581	Carbonyl sulfide	7.8E+00	1.8E-03
Storage Tank	1491	Tank 1491	1319773	Cresols (mixtures of) {Cresylic acid}	7.0E-01	1.6E-04
Storage Tank	1491	Tank 1491	111422	Diethanolamine	1.9E-01	4.4E-05
Storage Tank	1491	Tank 1491	100414	Ethyl benzene	1.5E+01	3.5E-03
Storage Tank	1491	Tank 1491	106934	Ethylene dibromide {EDB}	2.0E-02	4.5E-06
Storage Tank	1491	Tank 1491	107062	Ethylene dichloride {EDC}	9.8E-03	2.2E-06
Storage Tank	1491	Tank 1491	110543	Hexane	6.2E+01	1.4E-02
Storage Tank	1491	Tank 1491	7783064	Hydrogen sulfide	1.2E-03	2.7E-07
Storage Tank	1491	Tank 1491	67561	Methanol	2.3E-01	5.4E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1491	Tank 1491	78933	Methyl ethyl ketone {2-Butanone}	2.0E-02	4.5E-06
Storage Tank	1491	Tank 1491	1634044	Methyl tert-butyl ether	4.4E+00	9.9E-04
Storage Tank	1491	Tank 1491	91203	Naphthalene	1.8E+00	4.2E-04
Storage Tank	1491	Tank 1491	108952	Phenol	1.3E-02	3.0E-06
Storage Tank	1491	Tank 1491	115071	Propylene	2.2E-01	5.0E-05
Storage Tank	1491	Tank 1491	100425	Styrene	2.6E-01	5.9E-05
Storage Tank	1491	Tank 1491	108883	Toluene	9.3E+01	2.1E-02
Storage Tank	1491	Tank 1491	1330207	Xylenes (mixed)	7.4E+01	1.7E-02
Storage Tank	1492	Tank 1492	106990	1,3-Butadiene	2.7E-01	6.1E-05
Storage Tank	1492	Tank 1492	123911	1,4-Dioxane	2.3E-05	5.4E-09
Storage Tank	1492	Tank 1492	107028	Acrolein	5.8E-05	1.3E-08
Storage Tank	1492	Tank 1492	71432	Benzene	4.1E-02	9.3E-06
Storage Tank	1492	Tank 1492	50328	Benzo[a]pyrene	2.1E-01	4.9E-05
Storage Tank	1492	Tank 1492	75150	Carbon disulfide	1.3E-02	3.1E-06
Storage Tank	1492	Tank 1492	463581	Carbonyl sulfide	5.4E+00	1.2E-03
Storage Tank	1492	Tank 1492	1319773	Cresols (mixtures of) {Cresylic acid}	2.7E-01	6.1E-05
Storage Tank	1492	Tank 1492	111422	Diethanolamine	1.4E-01	3.2E-05
Storage Tank	1492	Tank 1492	100414	Ethyl benzene	3.1E-01	7.1E-05
Storage Tank	1492	Tank 1492	106934	Ethylene dibromide {EDB}	1.3E-02	3.1E-06
Storage Tank	1492	Tank 1492	107062	Ethylene dichloride {EDC}	6.7E-03	1.5E-06
Storage Tank	1492	Tank 1492	110543	Hexane	1.3E-01	3.1E-05
Storage Tank	1492	Tank 1492	7783064	Hydrogen sulfide	1.3E-03	2.9E-07
Storage Tank	1492	Tank 1492	67630	Isopropyl alcohol	1.4E-04	3.1E-08
Storage Tank	1492	Tank 1492	67561	Methanol	1.5E-02	3.5E-06
Storage Tank	1492	Tank 1492	78933	Methyl ethyl ketone {2-Butanone}	4.0E-05	9.2E-09
Storage Tank	1492	Tank 1492	1634044	Methyl tert-butyl ether	1.0E-01	2.3E-05
Storage Tank	1492	Tank 1492	75092	Methylene chloride {Dichloromethane}	2.2E-05	5.1E-09
Storage Tank	1492	Tank 1492	91203	Naphthalene	5.1E-01	1.2E-04
Storage Tank	1492	Tank 1492	108952	Phenol	1.3E-03	3.1E-07
Storage Tank	1492	Tank 1492	115071	Propylene	1.0E-04	2.3E-08
Storage Tank	1492	Tank 1492	100425	Styrene	2.3E-01	5.2E-05
Storage Tank	1492	Tank 1492	108883	Toluene	3.4E-01	7.7E-05
Storage Tank	1492	Tank 1492	1330207	Xylenes (mixed)	1.2E-01	2.8E-05
Storage Tank	1493	Tank 1493	106990	1,3-Butadiene	4.2E-01	9.7E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1493	Tank 1493	123911	1,4-Dioxane	3.7E-05	8.5E-09
Storage Tank	1493	Tank 1493	107028	Acrolein	9.1E-05	2.1E-08
Storage Tank	1493	Tank 1493	71432	Benzene	6.5E-02	1.5E-05
Storage Tank	1493	Tank 1493	50328	Benzo[a]pyrene	3.4E-01	7.7E-05
Storage Tank	1493	Tank 1493	75150	Carbon disulfide	2.1E-02	4.8E-06
Storage Tank	1493	Tank 1493	463581	Carbonyl sulfide	8.5E+00	1.9E-03
Storage Tank	1493	Tank 1493	1319773	Cresols (mixtures of) {Cresylic acid}	4.2E-01	9.7E-05
Storage Tank	1493	Tank 1493	111422	Diethanolamine	2.2E-01	5.0E-05
Storage Tank	1493	Tank 1493	100414	Ethyl benzene	4.9E-01	1.1E-04
Storage Tank	1493	Tank 1493	106934	Ethylene dibromide {EDB}	2.1E-02	4.8E-06
Storage Tank	1493	Tank 1493	107062	Ethylene dichloride {EDC}	1.1E-02	2.4E-06
Storage Tank	1493	Tank 1493	110543	Hexane	2.1E-01	4.9E-05
Storage Tank	1493	Tank 1493	7783064	Hydrogen sulfide	2.0E-03	4.6E-07
Storage Tank	1493	Tank 1493	67630	Isopropyl alcohol	2.2E-04	4.9E-08
Storage Tank	1493	Tank 1493	67561	Methanol	2.4E-02	5.6E-06
Storage Tank	1493	Tank 1493	78933	Methyl ethyl ketone {2-Butanone}	6.4E-05	1.5E-08
Storage Tank	1493	Tank 1493	1634044	Methyl tert-butyl ether	1.6E-01	3.7E-05
Storage Tank	1493	Tank 1493	75092	Methylene chloride {Dichloromethane}	3.5E-05	8.1E-09
Storage Tank	1493	Tank 1493	91203	Naphthalene	8.0E-01	1.8E-04
Storage Tank	1493	Tank 1493	108952	Phenol	2.1E-03	4.8E-07
Storage Tank	1493	Tank 1493	115071	Propylene	1.6E-04	3.7E-08
Storage Tank	1493	Tank 1493	100425	Styrene	3.6E-01	8.3E-05
Storage Tank	1493	Tank 1493	108883	Toluene	5.3E-01	1.2E-04
Storage Tank	1493	Tank 1493	1330207	Xylenes (mixed)	1.9E-01	4.5E-05
Storage Tank	1504	Tank 1504	106990	1,3-Butadiene	9.7E-01	2.2E-04
Storage Tank	1504	Tank 1504	71432	Benzene	9.3E-01	2.1E-04
Storage Tank	1504	Tank 1504	50328	Benzo[a]pyrene	3.1E-01	7.2E-05
Storage Tank	1504	Tank 1504	75150	Carbon disulfide	4.9E-03	1.1E-06
Storage Tank	1504	Tank 1504	463581	Carbonyl sulfide	1.9E+01	4.4E-03
Storage Tank	1504	Tank 1504	1319773	Cresols (mixtures of) {Cresylic acid}	6.8E+00	1.6E-03
Storage Tank	1504	Tank 1504	111422	Diethanolamine	4.9E-03	1.1E-06
Storage Tank	1504	Tank 1504	100414	Ethyl benzene	5.4E+00	1.2E-03
Storage Tank	1504	Tank 1504	106934	Ethylene dibromide {EDB}	4.9E-03	1.1E-06
Storage Tank	1504	Tank 1504	107062	Ethylene dichloride {EDC}	2.4E-03	5.6E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1504	Tank 1504	110543	Hexane	4.6E-02	1.0E-05
Storage Tank	1504	Tank 1504	7783064	Hydrogen sulfide	6.2E+00	1.4E-03
Storage Tank	1504	Tank 1504	67561	Methanol	6.8E+00	1.6E-03
Storage Tank	1504	Tank 1504	78933	Methyl ethyl ketone {2-Butanone}	2.4E-03	5.6E-07
Storage Tank	1504	Tank 1504	1634044	Methyl tert-butyl ether	7.4E+00	1.7E-03
Storage Tank	1504	Tank 1504	91203	Naphthalene	1.9E+00	4.4E-04
Storage Tank	1504	Tank 1504	108952	Phenol	7.3E+00	1.7E-03
Storage Tank	1504	Tank 1504	115071	Propylene	1.2E+00	2.8E-04
Storage Tank	1504	Tank 1504	7782492	Selenium	9.7E-05	2.2E-08
Storage Tank	1504	Tank 1504	100425	Styrene	2.7E+00	6.2E-04
Storage Tank	1504	Tank 1504	108883	Toluene	1.9E+01	4.3E-03
Storage Tank	1504	Tank 1504	1330207	Xylenes (mixed)	2.3E+01	5.3E-03
Storage Tank	1506	Tank 1506	71432	Benzene	7.9E-02	1.8E-05
Storage Tank	1506	Tank 1506	100414	Ethyl benzene	3.4E-01	7.7E-05
Storage Tank	1506	Tank 1506	110543	Hexane	9.8E-02	2.2E-05
Storage Tank	1506	Tank 1506	7783064	Hydrogen sulfide	4.2E-03	9.7E-07
Storage Tank	1506	Tank 1506	108883	Toluene	3.2E-01	7.2E-05
Storage Tank	1506	Tank 1506	1330207	Xylenes (mixed)	1.4E+00	3.1E-04
Storage Tank	1514	Tank 1514	106990	1,3-Butadiene	4.5E-01	1.0E-04
Storage Tank	1514	Tank 1514	71432	Benzene	2.1E+01	4.9E-03
Storage Tank	1514	Tank 1514	50328	Benzo[a]pyrene	2.9E-05	6.6E-09
Storage Tank	1514	Tank 1514	75150	Carbon disulfide	5.5E-02	1.3E-05
Storage Tank	1514	Tank 1514	463581	Carbonyl sulfide	2.9E+01	6.6E-03
Storage Tank	1514	Tank 1514	1319773	Cresols (mixtures of) {Cresylic acid}	2.6E+00	5.8E-04
Storage Tank	1514	Tank 1514	111422	Diethanolamine	7.1E-01	1.6E-04
Storage Tank	1514	Tank 1514	100414	Ethyl benzene	5.5E+01	1.2E-02
Storage Tank	1514	Tank 1514	106934	Ethylene dibromide {EDB}	7.2E-02	1.6E-05
Storage Tank	1514	Tank 1514	107062	Ethylene dichloride {EDC}	3.6E-02	8.2E-06
Storage Tank	1514	Tank 1514	110543	Hexane	1.3E+01	2.9E-03
Storage Tank	1514	Tank 1514	7783064	Hydrogen sulfide	4.3E-03	9.8E-07
Storage Tank	1514	Tank 1514	67561	Methanol	8.6E-01	2.0E-04
Storage Tank	1514	Tank 1514	78933	Methyl ethyl ketone {2-Butanone}	7.2E-02	1.6E-05
Storage Tank	1514	Tank 1514	1634044	Methyl tert-butyl ether	1.6E+01	3.6E-03
Storage Tank	1514	Tank 1514	91203	Naphthalene	5.9E+00	1.4E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1514	Tank 1514	108952	Phenol	7.2E-03	1.6E-06
Storage Tank	1514	Tank 1514	115071	Propylene	8.0E-01	1.8E-04
Storage Tank	1514	Tank 1514	100425	Styrene	9.5E-01	2.2E-04
Storage Tank	1514	Tank 1514	108883	Toluene	2.6E+02	5.9E-02
Storage Tank	1514	Tank 1514	1330207	Xylenes (mixed)	2.7E+02	6.2E-02
Storage Tank	1518	Tank 1518	106990	1,3-Butadiene	7.2E-04	1.6E-07
Storage Tank	1518	Tank 1518	71432	Benzene	2.9E-03	6.6E-07
Storage Tank	1518	Tank 1518	50328	Benzo[a]pyrene	1.6E-04	3.6E-08
Storage Tank	1518	Tank 1518	75150	Carbon disulfide	2.9E-04	6.6E-08
Storage Tank	1518	Tank 1518	463581	Carbonyl sulfide	2.9E-01	6.6E-05
Storage Tank	1518	Tank 1518	111422	Diethanolamine	7.4E-03	1.7E-06
Storage Tank	1518	Tank 1518	100414	Ethyl benzene	5.0E-02	1.1E-05
Storage Tank	1518	Tank 1518	106934	Ethylene dibromide {EDB}	2.9E-04	6.6E-08
Storage Tank	1518	Tank 1518	107062	Ethylene dichloride {EDC}	1.4E-04	3.3E-08
Storage Tank	1518	Tank 1518	110543	Hexane	1.0E-03	2.3E-07
Storage Tank	1518	Tank 1518	7783064	Hydrogen sulfide	2.1E-05	4.7E-09
Storage Tank	1518	Tank 1518	67561	Methanol	3.0E-04	6.9E-08
Storage Tank	1518	Tank 1518	78933	Methyl ethyl ketone {2-Butanone}	1.4E-04	3.3E-08
Storage Tank	1518	Tank 1518	1634044	Methyl tert-butyl ether	1.4E-04	3.3E-08
Storage Tank	1518	Tank 1518	91203	Naphthalene	2.5E-02	5.8E-06
Storage Tank	1518	Tank 1518	108952	Phenol	2.9E-01	6.6E-05
Storage Tank	1518	Tank 1518	108883	Toluene	1.4E-02	3.3E-06
Storage Tank	1518	Tank 1518	1330207	Xylenes (mixed)	1.3E-01	3.0E-05
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	71432	Benzene	1.0E-01	2.3E-05
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	50328	Benzo[a]pyrene	2.5E-01	5.7E-05
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	3.2E-02	7.4E-06
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	100414	Ethyl benzene	8.7E-02	2.0E-05
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	110543	Hexane	9.1E-02	2.1E-05
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	7783064	Hydrogen sulfide	1.0E-04	2.3E-08
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	91203	Naphthalene	6.0E-02	1.4E-05
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	108952	Phenol	3.2E-02	7.4E-06
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	108883	Toluene	2.7E+00	6.2E-04
Storage Tank	1635	Tank 1635 Organic Liquid Storage Tank	1330207	Xylenes (mixed)	4.3E-01	9.8E-05
Storage Tank	1636	Tank 1636	106990	1,3-Butadiene	3.9E-02	8.9E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1636	Tank 1636	123911	1,4-Dioxane	3.4E-06	7.8E-10
Storage Tank	1636	Tank 1636	107028	Acrolein	8.4E-06	1.9E-09
Storage Tank	1636	Tank 1636	71432	Benzene	5.9E-03	1.4E-06
Storage Tank	1636	Tank 1636	50328	Benzo[a]pyrene	3.1E-02	7.1E-06
Storage Tank	1636	Tank 1636	75150	Carbon disulfide	1.9E-03	4.4E-07
Storage Tank	1636	Tank 1636	463581	Carbonyl sulfide	7.8E-01	1.8E-04
Storage Tank	1636	Tank 1636	1319773	Cresols (mixtures of) {Cresylic acid}	3.9E-02	8.9E-06
Storage Tank	1636	Tank 1636	111422	Diethanolamine	2.0E-02	4.6E-06
Storage Tank	1636	Tank 1636	100414	Ethyl benzene	4.5E-02	1.0E-05
Storage Tank	1636	Tank 1636	106934	Ethylene dibromide {EDB}	1.9E-03	4.4E-07
Storage Tank	1636	Tank 1636	107062	Ethylene dichloride {EDC}	9.7E-04	2.2E-07
Storage Tank	1636	Tank 1636	110543	Hexane	2.0E-02	4.5E-06
Storage Tank	1636	Tank 1636	7783064	Hydrogen sulfide	1.8E-04	4.2E-08
Storage Tank	1636	Tank 1636	67630	Isopropyl alcohol	2.0E-05	4.5E-09
Storage Tank	1636	Tank 1636	67561	Methanol	2.2E-03	5.1E-07
Storage Tank	1636	Tank 1636	78933	Methyl ethyl ketone {2-Butanone}	5.9E-06	1.3E-09
Storage Tank	1636	Tank 1636	1634044	Methyl tert-butyl ether	1.5E-02	3.4E-06
Storage Tank	1636	Tank 1636	75092	Methylene chloride {Dichloromethane}	3.2E-06	7.4E-10
Storage Tank	1636	Tank 1636	91203	Naphthalene	7.4E-02	1.7E-05
Storage Tank	1636	Tank 1636	108952	Phenol	1.9E-04	4.4E-08
Storage Tank	1636	Tank 1636	115071	Propylene	1.5E-05	3.4E-09
Storage Tank	1636	Tank 1636	100425	Styrene	3.3E-02	7.6E-06
Storage Tank	1636	Tank 1636	108883	Toluene	4.9E-02	1.1E-05
Storage Tank	1636	Tank 1636	1330207	Xylenes (mixed)	1.8E-02	4.1E-06
Storage Tank	1637	Tank 1637	106990	1,3-Butadiene	1.5E-01	3.3E-05
Storage Tank	1637	Tank 1637	71432	Benzene	6.8E+00	1.5E-03
Storage Tank	1637	Tank 1637	50328	Benzo[a]pyrene	9.2E-06	2.1E-09
Storage Tank	1637	Tank 1637	75150	Carbon disulfide	1.8E-02	4.0E-06
Storage Tank	1637	Tank 1637	463581	Carbonyl sulfide	9.2E+00	2.1E-03
Storage Tank	1637	Tank 1637	1319773	Cresols (mixtures of) {Cresylic acid}	8.2E-01	1.9E-04
Storage Tank	1637	Tank 1637	111422	Diethanolamine	2.3E-01	5.2E-05
Storage Tank	1637	Tank 1637	100414	Ethyl benzene	1.7E+01	4.0E-03
Storage Tank	1637	Tank 1637	106934	Ethylene dibromide {EDB}	2.3E-02	5.2E-06
Storage Tank	1637	Tank 1637	107062	Ethylene dichloride {EDC}	1.1E-02	2.6E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1637	Tank 1637	110543	Hexane	4.0E+00	9.1E-04
Storage Tank	1637	Tank 1637	7783064	Hydrogen sulfide	1.4E-03	3.1E-07
Storage Tank	1637	Tank 1637	67561	Methanol	2.7E-01	6.3E-05
Storage Tank	1637	Tank 1637	78933	Methyl ethyl ketone {2-Butanone}	2.3E-02	5.2E-06
Storage Tank	1637	Tank 1637	1634044	Methyl tert-butyl ether	5.1E+00	1.2E-03
Storage Tank	1637	Tank 1637	91203	Naphthalene	1.9E+00	4.3E-04
Storage Tank	1637	Tank 1637	108952	Phenol	2.3E-03	5.2E-07
Storage Tank	1637	Tank 1637	115071	Propylene	2.6E-01	5.8E-05
Storage Tank	1637	Tank 1637	100425	Styrene	3.0E-01	6.9E-05
Storage Tank	1637	Tank 1637	108883	Toluene	8.2E+01	1.9E-02
Storage Tank	1637	Tank 1637	1330207	Xylenes (mixed)	8.6E+01	2.0E-02
Storage Tank	1653	Tank 1653	106990	1,3-Butadiene	1.3E-02	3.0E-06
Storage Tank	1653	Tank 1653	71432	Benzene	5.2E-02	1.2E-05
Storage Tank	1653	Tank 1653	50328	Benzo[a]pyrene	2.8E-03	6.4E-07
Storage Tank	1653	Tank 1653	75150	Carbon disulfide	5.2E-03	1.2E-06
Storage Tank	1653	Tank 1653	463581	Carbonyl sulfide	5.2E+00	1.2E-03
Storage Tank	1653	Tank 1653	111422	Diethanolamine	1.3E-01	3.1E-05
Storage Tank	1653	Tank 1653	100414	Ethyl benzene	8.9E-01	2.0E-04
Storage Tank	1653	Tank 1653	106934	Ethylene dibromide {EDB}	5.2E-03	1.2E-06
Storage Tank	1653	Tank 1653	107062	Ethylene dichloride {EDC}	2.6E-03	5.9E-07
Storage Tank	1653	Tank 1653	110543	Hexane	1.8E-02	4.2E-06
Storage Tank	1653	Tank 1653	7783064	Hydrogen sulfide	3.7E-04	8.4E-08
Storage Tank	1653	Tank 1653	67561	Methanol	5.5E-03	1.2E-06
Storage Tank	1653	Tank 1653	78933	Methyl ethyl ketone {2-Butanone}	2.6E-03	5.9E-07
Storage Tank	1653	Tank 1653	1634044	Methyl tert-butyl ether	2.6E-03	5.9E-07
Storage Tank	1653	Tank 1653	91203	Naphthalene	4.6E-01	1.0E-04
Storage Tank	1653	Tank 1653	108952	Phenol	5.2E+00	1.2E-03
Storage Tank	1653	Tank 1653	108883	Toluene	2.6E-01	6.0E-05
Storage Tank	1653	Tank 1653	1330207	Xylenes (mixed)	2.4E+00	5.4E-04
Storage Tank	1687	Tank 1687	106990	1,3-Butadiene	7.9E-01	1.8E-04
Storage Tank	1687	Tank 1687	71432	Benzene	3.7E+01	8.4E-03
Storage Tank	1687	Tank 1687	50328	Benzo[a]pyrene	5.0E-05	1.1E-08
Storage Tank	1687	Tank 1687	75150	Carbon disulfide	9.6E-02	2.2E-05
Storage Tank	1687	Tank 1687	463581	Carbonyl sulfide	5.0E+01	1.1E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1687	Tank 1687	1319773	Cresols (mixtures of) {Cresylic acid}	4.4E+00	1.0E-03
Storage Tank	1687	Tank 1687	111422	Diethanolamine	1.2E+00	2.8E-04
Storage Tank	1687	Tank 1687	100414	Ethyl benzene	9.5E+01	2.2E-02
Storage Tank	1687	Tank 1687	106934	Ethylene dibromide {EDB}	1.2E-01	2.8E-05
Storage Tank	1687	Tank 1687	107062	Ethylene dichloride {EDC}	6.2E-02	1.4E-05
Storage Tank	1687	Tank 1687	110543	Hexane	2.2E+01	5.0E-03
Storage Tank	1687	Tank 1687	7783064	Hydrogen sulfide	7.5E-03	1.7E-06
Storage Tank	1687	Tank 1687	67561	Methanol	1.5E+00	3.4E-04
Storage Tank	1687	Tank 1687	78933	Methyl ethyl ketone {2-Butanone}	1.2E-01	2.8E-05
Storage Tank	1687	Tank 1687	1634044	Methyl tert-butyl ether	2.8E+01	6.3E-03
Storage Tank	1687	Tank 1687	91203	Naphthalene	1.0E+01	2.4E-03
Storage Tank	1687	Tank 1687	108952	Phenol	1.2E-02	2.8E-06
Storage Tank	1687	Tank 1687	115071	Propylene	1.4E+00	3.2E-04
Storage Tank	1687	Tank 1687	100425	Styrene	1.7E+00	3.8E-04
Storage Tank	1687	Tank 1687	108883	Toluene	4.5E+02	1.0E-01
Storage Tank	1687	Tank 1687	1330207	Xylenes (mixed)	4.7E+02	1.1E-01
Storage Tank	1688	Tank 1688	106990	1,3-Butadiene	6.2E-01	1.4E-04
Storage Tank	1688	Tank 1688	71432	Benzene	2.9E+01	6.6E-03
Storage Tank	1688	Tank 1688	50328	Benzo[a]pyrene	3.9E-05	8.9E-09
Storage Tank	1688	Tank 1688	75150	Carbon disulfide	7.5E-02	1.7E-05
Storage Tank	1688	Tank 1688	463581	Carbonyl sulfide	3.9E+01	8.9E-03
Storage Tank	1688	Tank 1688	1319773	Cresols (mixtures of) {Cresylic acid}	3.5E+00	7.9E-04
Storage Tank	1688	Tank 1688	111422	Diethanolamine	9.6E-01	2.2E-04
Storage Tank	1688	Tank 1688	100414	Ethyl benzene	7.4E+01	1.7E-02
Storage Tank	1688	Tank 1688	106934	Ethylene dibromide {EDB}	9.7E-02	2.2E-05
Storage Tank	1688	Tank 1688	107062	Ethylene dichloride {EDC}	4.9E-02	1.1E-05
Storage Tank	1688	Tank 1688	110543	Hexane	1.7E+01	3.9E-03
Storage Tank	1688	Tank 1688	7783064	Hydrogen sulfide	5.8E-03	1.3E-06
Storage Tank	1688	Tank 1688	67561	Methanol	1.2E+00	2.7E-04
Storage Tank	1688	Tank 1688	78933	Methyl ethyl ketone {2-Butanone}	9.7E-02	2.2E-05
Storage Tank	1688	Tank 1688	1634044	Methyl tert-butyl ether	2.2E+01	4.9E-03
Storage Tank	1688	Tank 1688	91203	Naphthalene	8.1E+00	1.8E-03
Storage Tank	1688	Tank 1688	108952	Phenol	9.7E-03	2.2E-06
Storage Tank	1688	Tank 1688	115071	Propylene	1.1E+00	2.5E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1688	Tank 1688	100425	Styrene	1.3E+00	3.0E-04
Storage Tank	1688	Tank 1688	108883	Toluene	3.5E+02	8.0E-02
Storage Tank	1688	Tank 1688	1330207	Xylenes (mixed)	3.7E+02	8.4E-02
Storage Tank	1798	Tank 1798	71432	Benzene	2.2E-01	5.0E-05
Storage Tank	1798	Tank 1798	50328	Benzo[a]pyrene	5.3E-01	1.2E-04
Storage Tank	1798	Tank 1798	1319773	Cresols (mixtures of) {Cresylic acid}	6.9E-02	1.6E-05
Storage Tank	1798	Tank 1798	100414	Ethyl benzene	1.9E-01	4.3E-05
Storage Tank	1798	Tank 1798	110543	Hexane	2.0E-01	4.5E-05
Storage Tank	1798	Tank 1798	7783064	Hydrogen sulfide	2.2E-04	5.0E-08
Storage Tank	1798	Tank 1798	91203	Naphthalene	1.3E-01	2.9E-05
Storage Tank	1798	Tank 1798	108952	Phenol	6.9E-02	1.6E-05
Storage Tank	1798	Tank 1798	108883	Toluene	5.8E+00	1.3E-03
Storage Tank	1798	Tank 1798	1330207	Xylenes (mixed)	9.2E-01	2.1E-04
Storage Tank	1799	Tank 1799	71432	Benzene	1.7E-01	3.9E-05
Storage Tank	1799	Tank 1799	50328	Benzo[a]pyrene	4.2E-01	9.6E-05
Storage Tank	1799	Tank 1799	1319773	Cresols (mixtures of) {Cresylic acid}	5.5E-02	1.3E-05
Storage Tank	1799	Tank 1799	100414	Ethyl benzene	1.5E-01	3.4E-05
Storage Tank	1799	Tank 1799	110543	Hexane	1.5E-01	3.5E-05
Storage Tank	1799	Tank 1799	7783064	Hydrogen sulfide	1.7E-04	3.9E-08
Storage Tank	1799	Tank 1799	91203	Naphthalene	1.0E-01	2.3E-05
Storage Tank	1799	Tank 1799	108952	Phenol	5.5E-02	1.3E-05
Storage Tank	1799	Tank 1799	108883	Toluene	4.6E+00	1.0E-03
Storage Tank	1799	Tank 1799	1330207	Xylenes (mixed)	7.3E-01	1.7E-04
Storage Tank	1821	Tank 1821 Fresh Sulfuric Acid Tank	7664939	Sulfuric acid	1.5E+02	3.5E-02
Storage Tank	1843	Tank 1843	106990	1,3-Butadiene	1.9E-01	4.4E-05
Storage Tank	1843	Tank 1843	71432	Benzene	2.1E+00	4.7E-04
Storage Tank	1843	Tank 1843	50328	Benzo[a]pyrene	5.5E-02	1.3E-05
Storage Tank	1843	Tank 1843	75150	Carbon disulfide	3.0E-03	6.8E-07
Storage Tank	1843	Tank 1843	463581	Carbonyl sulfide	8.4E-04	1.9E-07
Storage Tank	1843	Tank 1843	1319773	Cresols (mixtures of) {Cresylic acid}	6.7E-02	1.5E-05
Storage Tank	1843	Tank 1843	111422	Diethanolamine	1.0E-01	2.3E-05
Storage Tank	1843	Tank 1843	100414	Ethyl benzene	2.0E-02	4.5E-06
Storage Tank	1843	Tank 1843	106934	Ethylene dibromide {EDB}	3.0E-03	6.8E-07
Storage Tank	1843	Tank 1843	107062	Ethylene dichloride {EDC}	1.5E-03	3.4E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1843	Tank 1843	110543	Hexane	8.7E+00	2.0E-03
Storage Tank	1843	Tank 1843	7783064	Hydrogen sulfide	1.2E-02	2.8E-06
Storage Tank	1843	Tank 1843	67630	Isopropyl alcohol	1.7E-01	3.8E-05
Storage Tank	1843	Tank 1843	67561	Methanol	2.0E-01	4.7E-05
Storage Tank	1843	Tank 1843	78933	Methyl ethyl ketone {2-Butanone}	3.1E-01	7.0E-05
Storage Tank	1843	Tank 1843	1634044	Methyl tert-butyl ether	6.7E-01	1.5E-04
Storage Tank	1843	Tank 1843	91203	Naphthalene	2.8E-02	6.3E-06
Storage Tank	1843	Tank 1843	108952	Phenol	9.9E-04	2.3E-07
Storage Tank	1843	Tank 1843	115071	Propylene	6.1E+00	1.4E-03
Storage Tank	1843	Tank 1843	7782492	Selenium	4.0E-05	9.1E-09
Storage Tank	1843	Tank 1843	100425	Styrene	7.4E-01	1.7E-04
Storage Tank	1843	Tank 1843	108883	Toluene	7.1E-02	1.6E-05
Storage Tank	1843	Tank 1843	1330207	Xylenes (mixed)	8.9E+00	2.0E-03
Storage Tank	1894	Tank 1894: Phosphoric Acid Storage Tank	7664382	Phosphoric acid	1.1E-01	2.5E-05
Storage Tank	1899	Tank 1899	106990	1,3-Butadiene	7.7E-02	1.8E-05
Storage Tank	1899	Tank 1899	71432	Benzene	4.1E-02	9.3E-06
Storage Tank	1899	Tank 1899	50328	Benzo[a]pyrene	2.3E-01	5.3E-05
Storage Tank	1899	Tank 1899	75150	Carbon disulfide	1.7E-03	3.9E-07
Storage Tank	1899	Tank 1899	56235	Carbon tetrachloride	6.2E-04	1.4E-07
Storage Tank	1899	Tank 1899	463581	Carbonyl sulfide	1.7E+00	3.9E-04
Storage Tank	1899	Tank 1899	1319773	Cresols (mixtures of) {Cresylic acid}	4.2E-04	9.6E-08
Storage Tank	1899	Tank 1899	111422	Diethanolamine	4.4E-02	1.0E-05
Storage Tank	1899	Tank 1899	100414	Ethyl benzene	9.3E-03	2.1E-06
Storage Tank	1899	Tank 1899	106934	Ethylene dibromide {EDB}	1.7E-03	3.9E-07
Storage Tank	1899	Tank 1899	107062	Ethylene dichloride {EDC}	6.2E-04	1.4E-07
Storage Tank	1899	Tank 1899	110543	Hexane	1.4E-02	3.1E-06
Storage Tank	1899	Tank 1899	7783064	Hydrogen sulfide	1.6E-03	3.6E-07
Storage Tank	1899	Tank 1899	67630	Isopropyl alcohol	5.4E-05	1.2E-08
Storage Tank	1899	Tank 1899	67561	Methanol	1.3E-02	3.0E-06
Storage Tank	1899	Tank 1899	78933	Methyl ethyl ketone {2-Butanone}	7.3E-06	1.7E-09
Storage Tank	1899	Tank 1899	1634044	Methyl tert-butyl ether	6.2E-04	1.4E-07
Storage Tank	1899	Tank 1899	75092	Methylene chloride {Dichloromethane}	7.9E-06	1.8E-09
Storage Tank	1899	Tank 1899	91203	Naphthalene	6.0E-02	1.4E-05
Storage Tank	1899	Tank 1899	108952	Phenol	8.5E-01	1.9E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	1899	Tank 1899	115071	Propylene	7.0E-05	1.6E-08
Storage Tank	1899	Tank 1899	7782492	Selenium	1.7E-05	3.9E-09
Storage Tank	1899	Tank 1899	100425	Styrene	9.1E-02	2.1E-05
Storage Tank	1899	Tank 1899	108883	Toluene	1.5E-02	3.5E-06
Storage Tank	1899	Tank 1899	1330207	Xylenes (mixed)	6.3E-02	1.4E-05
Storage Tank	1966	Tank 1966	106990	1,3-Butadiene	7.6E-02	1.7E-05
Storage Tank	1966	Tank 1966	123911	1,4-Dioxane	6.7E-06	1.5E-09
Storage Tank	1966	Tank 1966	107028	Acrolein	1.6E-05	3.8E-09
Storage Tank	1966	Tank 1966	71432	Benzene	1.2E-02	2.7E-06
Storage Tank	1966	Tank 1966	50328	Benzo[a]pyrene	6.1E-02	1.4E-05
Storage Tank	1966	Tank 1966	75150	Carbon disulfide	3.8E-03	8.7E-07
Storage Tank	1966	Tank 1966	463581	Carbonyl sulfide	1.5E+00	3.5E-04
Storage Tank	1966	Tank 1966	1319773	Cresols (mixtures of) {Cresylic acid}	7.6E-02	1.7E-05
Storage Tank	1966	Tank 1966	111422	Diethanolamine	4.0E-02	9.1E-06
Storage Tank	1966	Tank 1966	100414	Ethyl benzene	8.9E-02	2.0E-05
Storage Tank	1966	Tank 1966	106934	Ethylene dibromide {EDB}	3.8E-03	8.7E-07
Storage Tank	1966	Tank 1966	107062	Ethylene dichloride {EDC}	1.9E-03	4.4E-07
Storage Tank	1966	Tank 1966	110543	Hexane	3.8E-02	8.8E-06
Storage Tank	1966	Tank 1966	7783064	Hydrogen sulfide	3.6E-04	8.2E-08
Storage Tank	1966	Tank 1966	67630	Isopropyl alcohol	3.9E-05	8.9E-09
Storage Tank	1966	Tank 1966	67561	Methanol	4.4E-03	1.0E-06
Storage Tank	1966	Tank 1966	78933	Methyl ethyl ketone {2-Butanone}	1.1E-05	2.6E-09
Storage Tank	1966	Tank 1966	1634044	Methyl tert-butyl ether	2.9E-02	6.6E-06
Storage Tank	1966	Tank 1966	75092	Methylene chloride {Dichloromethane}	6.4E-06	1.5E-09
Storage Tank	1966	Tank 1966	91203	Naphthalene	1.5E-01	3.3E-05
Storage Tank	1966	Tank 1966	108952	Phenol	3.8E-04	8.7E-08
Storage Tank	1966	Tank 1966	115071	Propylene	2.9E-05	6.7E-09
Storage Tank	1966	Tank 1966	100425	Styrene	6.6E-02	1.5E-05
Storage Tank	1966	Tank 1966	108883	Toluene	9.6E-02	2.2E-05
Storage Tank	1966	Tank 1966	1330207	Xylenes (mixed)	3.5E-02	8.0E-06
Storage Tank	2540	Tank 2540: Organic Liquid Storage Tank	110543	Hexane	1.2E-02	2.7E-06
Storage Tank	3071	Tank 3071	71432	Benzene	4.5E+01	1.0E-02
Storage Tank	3071	Tank 3071	1319773	Cresols (mixtures of) {Cresylic acid}	9.5E-01	2.2E-04
Storage Tank	3071	Tank 3071	100414	Ethyl benzene	2.9E-01	6.7E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3071	Tank 3071	110543	Hexane	5.6E+01	1.3E-02
Storage Tank	3071	Tank 3071	91203	Naphthalene	1.2E+00	2.7E-04
Storage Tank	3071	Tank 3071	108952	Phenol	1.5E-02	3.4E-06
Storage Tank	3071	Tank 3071	100425	Styrene	3.3E-01	7.5E-05
Storage Tank	3071	Tank 3071	108883	Toluene	2.2E+01	5.0E-03
Storage Tank	3071	Tank 3071	1330207	Xylenes (mixed)	1.0E+00	2.4E-04
Storage Tank	3072	Tank 3072	106990	1,3-Butadiene	3.6E-02	8.2E-06
Storage Tank	3072	Tank 3072	71432	Benzene	6.9E+00	1.6E-03
Storage Tank	3072	Tank 3072	50328	Benzo[a]pyrene	1.6E-04	3.6E-08
Storage Tank	3072	Tank 3072	75150	Carbon disulfide	5.7E-03	1.3E-06
Storage Tank	3072	Tank 3072	463581	Carbonyl sulfide	5.7E+00	1.3E-03
Storage Tank	3072	Tank 3072	1319773	Cresols (mixtures of) {Cresylic acid}	1.4E-03	3.2E-07
Storage Tank	3072	Tank 3072	111422	Diethanolamine	1.4E-01	3.3E-05
Storage Tank	3072	Tank 3072	100414	Ethyl benzene	1.7E+01	3.9E-03
Storage Tank	3072	Tank 3072	106934	Ethylene dibromide {EDB}	5.7E-03	1.3E-06
Storage Tank	3072	Tank 3072	107062	Ethylene dichloride {EDC}	2.8E-03	6.5E-07
Storage Tank	3072	Tank 3072	110543	Hexane	1.7E+00	4.0E-04
Storage Tank	3072	Tank 3072	7783064	Hydrogen sulfide	2.8E-01	6.5E-05
Storage Tank	3072	Tank 3072	67561	Methanol	2.8E-01	6.5E-05
Storage Tank	3072	Tank 3072	78933	Methyl ethyl ketone {2-Butanone}	2.8E-03	6.5E-07
Storage Tank	3072	Tank 3072	1634044	Methyl tert-butyl ether	3.3E-01	7.4E-05
Storage Tank	3072	Tank 3072	91203	Naphthalene	1.2E+00	2.7E-04
Storage Tank	3072	Tank 3072	108952	Phenol	1.4E-03	3.2E-07
Storage Tank	3072	Tank 3072	115071	Propylene	3.1E-03	7.2E-07
Storage Tank	3072	Tank 3072	100425	Styrene	2.6E-01	5.8E-05
Storage Tank	3072	Tank 3072	108883	Toluene	8.2E+01	1.9E-02
Storage Tank	3072	Tank 3072	1330207	Xylenes (mixed)	8.5E+01	1.9E-02
Storage Tank	3073	Tank 3073	71432	Benzene	7.3E+01	1.7E-02
Storage Tank	3073	Tank 3073	100414	Ethyl benzene	3.5E-01	8.1E-05
Storage Tank	3073	Tank 3073	110543	Hexane	9.2E+01	2.1E-02
Storage Tank	3073	Tank 3073	91203	Naphthalene	3.5E-01	8.1E-05
Storage Tank	3073	Tank 3073	108952	Phenol	1.8E-02	4.0E-06
Storage Tank	3073	Tank 3073	108883	Toluene	3.6E+01	8.3E-03
Storage Tank	3073	Tank 3073	1330207	Xylenes (mixed)	3.5E-01	8.1E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3074	Tank 3074	106990	1,3-Butadiene	5.9E-02	1.3E-05
Storage Tank	3074	Tank 3074	71432	Benzene	3.1E-02	7.2E-06
Storage Tank	3074	Tank 3074	50328	Benzo[a]pyrene	1.8E-01	4.1E-05
Storage Tank	3074	Tank 3074	75150	Carbon disulfide	1.3E-03	3.0E-07
Storage Tank	3074	Tank 3074	56235	Carbon tetrachloride	4.7E-04	1.1E-07
Storage Tank	3074	Tank 3074	463581	Carbonyl sulfide	1.3E+00	3.0E-04
Storage Tank	3074	Tank 3074	1319773	Cresols (mixtures of) {Cresylic acid}	3.2E-04	7.4E-08
Storage Tank	3074	Tank 3074	111422	Diethanolamine	3.4E-02	7.7E-06
Storage Tank	3074	Tank 3074	100414	Ethyl benzene	7.3E-03	1.7E-06
Storage Tank	3074	Tank 3074	106934	Ethylene dibromide {EDB}	1.3E-03	3.0E-07
Storage Tank	3074	Tank 3074	107062	Ethylene dichloride {EDC}	4.7E-04	1.1E-07
Storage Tank	3074	Tank 3074	110543	Hexane	1.1E-02	2.5E-06
Storage Tank	3074	Tank 3074	7783064	Hydrogen sulfide	1.2E-03	2.8E-07
Storage Tank	3074	Tank 3074	67630	Isopropyl alcohol	4.1E-05	9.4E-09
Storage Tank	3074	Tank 3074	67561	Methanol	1.0E-02	2.3E-06
Storage Tank	3074	Tank 3074	78933	Methyl ethyl ketone {2-Butanone}	5.6E-06	1.3E-09
Storage Tank	3074	Tank 3074	1634044	Methyl tert-butyl ether	4.7E-04	1.1E-07
Storage Tank	3074	Tank 3074	75092	Methylene chloride {Dichloromethane}	6.1E-06	1.4E-09
Storage Tank	3074	Tank 3074	91203	Naphthalene	4.6E-02	1.1E-05
Storage Tank	3074	Tank 3074	108952	Phenol	6.5E-01	1.5E-04
Storage Tank	3074	Tank 3074	115071	Propylene	5.4E-05	1.2E-08
Storage Tank	3074	Tank 3074	7782492	Selenium	1.3E-05	3.0E-09
Storage Tank	3074	Tank 3074	100425	Styrene	7.0E-02	1.6E-05
Storage Tank	3074	Tank 3074	108883	Toluene	1.2E-02	2.8E-06
Storage Tank	3074	Tank 3074	1330207	Xylenes (mixed)	4.8E-02	1.1E-05
Storage Tank	3076	Tank 3076	106990	1,3-Butadiene	9.1E-02	2.1E-05
Storage Tank	3076	Tank 3076	71432	Benzene	9.7E-01	2.2E-04
Storage Tank	3076	Tank 3076	50328	Benzo[a]pyrene	2.6E-02	5.9E-06
Storage Tank	3076	Tank 3076	75150	Carbon disulfide	1.4E-03	3.2E-07
Storage Tank	3076	Tank 3076	463581	Carbonyl sulfide	4.0E-04	9.0E-08
Storage Tank	3076	Tank 3076	1319773	Cresols (mixtures of) {Cresylic acid}	3.1E-02	7.2E-06
Storage Tank	3076	Tank 3076	111422	Diethanolamine	4.7E-02	1.1E-05
Storage Tank	3076	Tank 3076	100414	Ethyl benzene	9.2E-03	2.1E-06
Storage Tank	3076	Tank 3076	106934	Ethylene dibromide {EDB}	1.4E-03	3.2E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3076	Tank 3076	107062	Ethylene dichloride {EDC}	6.9E-04	1.6E-07
Storage Tank	3076	Tank 3076	110543	Hexane	4.1E+00	9.3E-04
Storage Tank	3076	Tank 3076	7783064	Hydrogen sulfide	5.7E-03	1.3E-06
Storage Tank	3076	Tank 3076	67630	Isopropyl alcohol	7.9E-02	1.8E-05
Storage Tank	3076	Tank 3076	67561	Methanol	9.6E-02	2.2E-05
Storage Tank	3076	Tank 3076	78933	Methyl ethyl ketone {2-Butanone}	1.4E-01	3.3E-05
Storage Tank	3076	Tank 3076	1634044	Methyl tert-butyl ether	3.2E-01	7.2E-05
Storage Tank	3076	Tank 3076	91203	Naphthalene	1.3E-02	3.0E-06
Storage Tank	3076	Tank 3076	108952	Phenol	4.6E-04	1.1E-07
Storage Tank	3076	Tank 3076	115071	Propylene	2.8E+00	6.5E-04
Storage Tank	3076	Tank 3076	7782492	Selenium	1.9E-05	4.3E-09
Storage Tank	3076	Tank 3076	100425	Styrene	3.5E-01	7.9E-05
Storage Tank	3076	Tank 3076	108883	Toluene	3.3E-02	7.6E-06
Storage Tank	3076	Tank 3076	1330207	Xylenes (mixed)	4.2E+00	9.5E-04
Storage Tank	3100	Tank 3100	106990	1,3-Butadiene	1.2E-02	2.7E-06
Storage Tank	3100	Tank 3100	71432	Benzene	3.7E+00	8.3E-04
Storage Tank	3100	Tank 3100	50328	Benzo[a]pyrene	3.4E-02	7.8E-06
Storage Tank	3100	Tank 3100	75150	Carbon disulfide	1.2E-02	2.7E-06
Storage Tank	3100	Tank 3100	463581	Carbonyl sulfide	2.4E+01	5.4E-03
Storage Tank	3100	Tank 3100	1319773	Cresols (mixtures of) {Cresylic acid}	8.7E-01	2.0E-04
Storage Tank	3100	Tank 3100	111422	Diethanolamine	5.9E-01	1.3E-04
Storage Tank	3100	Tank 3100	100414	Ethyl benzene	3.4E+00	7.8E-04
Storage Tank	3100	Tank 3100	106934	Ethylene dibromide {EDB}	1.2E-02	2.7E-06
Storage Tank	3100	Tank 3100	107062	Ethylene dichloride {EDC}	5.9E-03	1.3E-06
Storage Tank	3100	Tank 3100	110543	Hexane	1.9E+01	4.3E-03
Storage Tank	3100	Tank 3100	7783064	Hydrogen sulfide	2.9E-02	6.7E-06
Storage Tank	3100	Tank 3100	67561	Methanol	5.7E-01	1.3E-04
Storage Tank	3100	Tank 3100	78933	Methyl ethyl ketone {2-Butanone}	5.9E-03	1.3E-06
Storage Tank	3100	Tank 3100	91203	Naphthalene	7.8E-01	1.8E-04
Storage Tank	3100	Tank 3100	108952	Phenol	5.9E-02	1.3E-05
Storage Tank	3100	Tank 3100	115071	Propylene	1.2E+00	2.7E-04
Storage Tank	3100	Tank 3100	7782492	Selenium	1.5E-02	3.4E-06
Storage Tank	3100	Tank 3100	100425	Styrene	1.2E+00	2.7E-04
Storage Tank	3100	Tank 3100	108883	Toluene	9.9E+00	2.3E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3100	Tank 3100	1330207	Xylenes (mixed)	1.2E+01	2.7E-03
Storage Tank	3101	Tank 3101	106990	1,3-Butadiene	7.3E-03	1.7E-06
Storage Tank	3101	Tank 3101	71432	Benzene	2.3E+00	5.1E-04
Storage Tank	3101	Tank 3101	50328	Benzo[a]pyrene	2.1E-02	4.8E-06
Storage Tank	3101	Tank 3101	75150	Carbon disulfide	7.3E-03	1.7E-06
Storage Tank	3101	Tank 3101	463581	Carbonyl sulfide	1.5E+01	3.3E-03
Storage Tank	3101	Tank 3101	1319773	Cresols (mixtures of) {Cresylic acid}	5.4E-01	1.2E-04
Storage Tank	3101	Tank 3101	111422	Diethanolamine	3.6E-01	8.3E-05
Storage Tank	3101	Tank 3101	100414	Ethyl benzene	2.1E+00	4.8E-04
Storage Tank	3101	Tank 3101	106934	Ethylene dibromide {EDB}	7.3E-03	1.7E-06
Storage Tank	3101	Tank 3101	107062	Ethylene dichloride {EDC}	3.6E-03	8.3E-07
Storage Tank	3101	Tank 3101	110543	Hexane	1.2E+01	2.6E-03
Storage Tank	3101	Tank 3101	7783064	Hydrogen sulfide	1.8E-02	4.1E-06
Storage Tank	3101	Tank 3101	67561	Methanol	3.5E-01	8.0E-05
Storage Tank	3101	Tank 3101	78933	Methyl ethyl ketone {2-Butanone}	3.6E-03	8.3E-07
Storage Tank	3101	Tank 3101	91203	Naphthalene	4.8E-01	1.1E-04
Storage Tank	3101	Tank 3101	108952	Phenol	3.6E-02	8.3E-06
Storage Tank	3101	Tank 3101	115071	Propylene	7.3E-01	1.7E-04
Storage Tank	3101	Tank 3101	7782492	Selenium	9.3E-03	2.1E-06
Storage Tank	3101	Tank 3101	100425	Styrene	7.3E-01	1.7E-04
Storage Tank	3101	Tank 3101	108883	Toluene	6.1E+00	1.4E-03
Storage Tank	3101	Tank 3101	1330207	Xylenes (mixed)	7.2E+00	1.7E-03
Storage Tank	3102	Tank 3102	71432	Benzene	2.1E-03	4.7E-07
Storage Tank	3102	Tank 3102	50328	Benzo[a]pyrene	7.4E-02	1.7E-05
Storage Tank	3102	Tank 3102	100414	Ethyl benzene	9.0E-03	2.1E-06
Storage Tank	3102	Tank 3102	110543	Hexane	1.5E-02	3.3E-06
Storage Tank	3102	Tank 3102	91203	Naphthalene	7.0E-03	1.6E-06
Storage Tank	3102	Tank 3102	108883	Toluene	2.1E-02	4.7E-06
Storage Tank	3103	Tank 3103	106990	1,3-Butadiene	2.3E-02	5.2E-06
Storage Tank	3103	Tank 3103	71432	Benzene	3.9E+00	8.9E-04
Storage Tank	3103	Tank 3103	50328	Benzo[a]pyrene	6.7E-02	1.5E-05
Storage Tank	3103	Tank 3103	75150	Carbon disulfide	1.3E-02	2.9E-06
Storage Tank	3103	Tank 3103	56235	Carbon tetrachloride	8.1E-05	1.8E-08
Storage Tank	3103	Tank 3103	463581	Carbonyl sulfide	2.5E+01	5.8E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3103	Tank 3103	1319773	Cresols (mixtures of) {Cresylic acid}	9.3E-01	2.1E-04
Storage Tank	3103	Tank 3103	111422	Diethanolamine	6.3E-01	1.4E-04
Storage Tank	3103	Tank 3103	100414	Ethyl benzene	3.7E+00	8.4E-04
Storage Tank	3103	Tank 3103	106934	Ethylene dibromide {EDB}	1.3E-02	2.9E-06
Storage Tank	3103	Tank 3103	107062	Ethylene dichloride {EDC}	6.4E-03	1.5E-06
Storage Tank	3103	Tank 3103	110543	Hexane	2.0E+01	4.6E-03
Storage Tank	3103	Tank 3103	7783064	Hydrogen sulfide	3.2E-02	7.2E-06
Storage Tank	3103	Tank 3103	67630	Isopropyl alcohol	7.0E-06	1.6E-09
Storage Tank	3103	Tank 3103	67561	Methanol	6.1E-01	1.4E-04
Storage Tank	3103	Tank 3103	78933	Methyl ethyl ketone {2-Butanone}	6.3E-03	1.4E-06
Storage Tank	3103	Tank 3103	1634044	Methyl tert-butyl ether	8.1E-05	1.8E-08
Storage Tank	3103	Tank 3103	75092	Methylene chloride {Dichloromethane}	1.0E-06	2.4E-10
Storage Tank	3103	Tank 3103	91203	Naphthalene	8.4E-01	1.9E-04
Storage Tank	3103	Tank 3103	108952	Phenol	1.8E-01	4.0E-05
Storage Tank	3103	Tank 3103	115071	Propylene	1.3E+00	2.9E-04
Storage Tank	3103	Tank 3103	7782492	Selenium	1.6E-02	3.7E-06
Storage Tank	3103	Tank 3103	100425	Styrene	1.3E+00	2.9E-04
Storage Tank	3103	Tank 3103	108883	Toluene	1.1E+01	2.4E-03
Storage Tank	3103	Tank 3103	1330207	Xylenes (mixed)	1.3E+01	2.9E-03
Storage Tank	3104	Tank 3104	106990	1,3-Butadiene	2.7E-02	6.2E-06
Storage Tank	3104	Tank 3104	71432	Benzene	8.4E+00	1.9E-03
Storage Tank	3104	Tank 3104	50328	Benzo[a]pyrene	7.9E-02	1.8E-05
Storage Tank	3104	Tank 3104	75150	Carbon disulfide	2.7E-02	6.2E-06
Storage Tank	3104	Tank 3104	463581	Carbonyl sulfide	5.4E+01	1.2E-02
Storage Tank	3104	Tank 3104	1319773	Cresols (mixtures of) {Cresylic acid}	2.0E+00	4.6E-04
Storage Tank	3104	Tank 3104	111422	Diethanolamine	1.4E+00	3.1E-04
Storage Tank	3104	Tank 3104	100414	Ethyl benzene	7.9E+00	1.8E-03
Storage Tank	3104	Tank 3104	106934	Ethylene dibromide {EDB}	2.7E-02	6.2E-06
Storage Tank	3104	Tank 3104	107062	Ethylene dichloride {EDC}	1.4E-02	3.1E-06
Storage Tank	3104	Tank 3104	110543	Hexane	4.3E+01	9.9E-03
Storage Tank	3104	Tank 3104	7783064	Hydrogen sulfide	6.8E-02	1.6E-05
Storage Tank	3104	Tank 3104	67561	Methanol	1.3E+00	3.0E-04
Storage Tank	3104	Tank 3104	78933	Methyl ethyl ketone {2-Butanone}	1.4E-02	3.1E-06
Storage Tank	3104	Tank 3104	91203	Naphthalene	1.8E+00	4.1E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3104	Tank 3104	108952	Phenol	1.4E-01	3.1E-05
Storage Tank	3104	Tank 3104	115071	Propylene	2.7E+00	6.2E-04
Storage Tank	3104	Tank 3104	7782492	Selenium	3.5E-02	7.9E-06
Storage Tank	3104	Tank 3104	100425	Styrene	2.7E+00	6.2E-04
Storage Tank	3104	Tank 3104	108883	Toluene	2.3E+01	5.2E-03
Storage Tank	3104	Tank 3104	1330207	Xylenes (mixed)	2.7E+01	6.2E-03
Storage Tank	3105	Tank 3105	106990	1,3-Butadiene	4.6E-02	1.1E-05
Storage Tank	3105	Tank 3105	71432	Benzene	1.4E+01	3.3E-03
Storage Tank	3105	Tank 3105	50328	Benzo[a]pyrene	1.3E-01	3.1E-05
Storage Tank	3105	Tank 3105	75150	Carbon disulfide	4.6E-02	1.1E-05
Storage Tank	3105	Tank 3105	463581	Carbonyl sulfide	9.3E+01	2.1E-02
Storage Tank	3105	Tank 3105	1319773	Cresols (mixtures of) {Cresylic acid}	3.4E+00	7.8E-04
Storage Tank	3105	Tank 3105	111422	Diethanolamine	2.3E+00	5.3E-04
Storage Tank	3105	Tank 3105	100414	Ethyl benzene	1.3E+01	3.1E-03
Storage Tank	3105	Tank 3105	106934	Ethylene dibromide {EDB}	4.6E-02	1.1E-05
Storage Tank	3105	Tank 3105	107062	Ethylene dichloride {EDC}	2.3E-02	5.3E-06
Storage Tank	3105	Tank 3105	110543	Hexane	7.4E+01	1.7E-02
Storage Tank	3105	Tank 3105	7783064	Hydrogen sulfide	1.2E-01	2.6E-05
Storage Tank	3105	Tank 3105	67561	Methanol	2.2E+00	5.1E-04
Storage Tank	3105	Tank 3105	78933	Methyl ethyl ketone {2-Butanone}	2.3E-02	5.3E-06
Storage Tank	3105	Tank 3105	91203	Naphthalene	3.0E+00	7.0E-04
Storage Tank	3105	Tank 3105	108952	Phenol	2.3E-01	5.3E-05
Storage Tank	3105	Tank 3105	115071	Propylene	4.6E+00	1.1E-03
Storage Tank	3105	Tank 3105	7782492	Selenium	5.9E-02	1.4E-05
Storage Tank	3105	Tank 3105	100425	Styrene	4.6E+00	1.1E-03
Storage Tank	3105	Tank 3105	108883	Toluene	3.9E+01	8.9E-03
Storage Tank	3105	Tank 3105	1330207	Xylenes (mixed)	4.6E+01	1.1E-02
Storage Tank	3106	Tank 3106	106990	1,3-Butadiene	2.8E-02	6.3E-06
Storage Tank	3106	Tank 3106	71432	Benzene	8.6E+00	2.0E-03
Storage Tank	3106	Tank 3106	50328	Benzo[a]pyrene	8.0E-02	1.8E-05
Storage Tank	3106	Tank 3106	75150	Carbon disulfide	2.8E-02	6.3E-06
Storage Tank	3106	Tank 3106	463581	Carbonyl sulfide	5.5E+01	1.3E-02
Storage Tank	3106	Tank 3106	1319773	Cresols (mixtures of) {Cresylic acid}	2.0E+00	4.7E-04
Storage Tank	3106	Tank 3106	111422	Diethanolamine	1.4E+00	3.2E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3106	Tank 3106	100414	Ethyl benzene	8.1E+00	1.8E-03
Storage Tank	3106	Tank 3106	106934	Ethylene dibromide {EDB}	2.8E-02	6.3E-06
Storage Tank	3106	Tank 3106	107062	Ethylene dichloride {EDC}	1.4E-02	3.2E-06
Storage Tank	3106	Tank 3106	110543	Hexane	4.4E+01	1.0E-02
Storage Tank	3106	Tank 3106	7783064	Hydrogen sulfide	6.9E-02	1.6E-05
Storage Tank	3106	Tank 3106	67561	Methanol	1.3E+00	3.0E-04
Storage Tank	3106	Tank 3106	78933	Methyl ethyl ketone {2-Butanone}	1.4E-02	3.2E-06
Storage Tank	3106	Tank 3106	91203	Naphthalene	1.8E+00	4.2E-04
Storage Tank	3106	Tank 3106	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	3106	Tank 3106	115071	Propylene	2.8E+00	6.3E-04
Storage Tank	3106	Tank 3106	7782492	Selenium	3.5E-02	8.1E-06
Storage Tank	3106	Tank 3106	100425	Styrene	2.8E+00	6.3E-04
Storage Tank	3106	Tank 3106	108883	Toluene	2.3E+01	5.3E-03
Storage Tank	3106	Tank 3106	1330207	Xylenes (mixed)	2.8E+01	6.3E-03
Storage Tank	3107	Tank 3107	106990	1,3-Butadiene	1.8E-02	4.2E-06
Storage Tank	3107	Tank 3107	71432	Benzene	5.6E+00	1.3E-03
Storage Tank	3107	Tank 3107	50328	Benzo[a]pyrene	5.3E-02	1.2E-05
Storage Tank	3107	Tank 3107	75150	Carbon disulfide	1.8E-02	4.2E-06
Storage Tank	3107	Tank 3107	463581	Carbonyl sulfide	3.6E+01	8.3E-03
Storage Tank	3107	Tank 3107	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E+00	3.1E-04
Storage Tank	3107	Tank 3107	111422	Diethanolamine	9.1E-01	2.1E-04
Storage Tank	3107	Tank 3107	100414	Ethyl benzene	5.3E+00	1.2E-03
Storage Tank	3107	Tank 3107	106934	Ethylene dibromide {EDB}	1.8E-02	4.2E-06
Storage Tank	3107	Tank 3107	107062	Ethylene dichloride {EDC}	9.1E-03	2.1E-06
Storage Tank	3107	Tank 3107	110543	Hexane	2.9E+01	6.6E-03
Storage Tank	3107	Tank 3107	7783064	Hydrogen sulfide	4.6E-02	1.0E-05
Storage Tank	3107	Tank 3107	67561	Methanol	8.8E-01	2.0E-04
Storage Tank	3107	Tank 3107	78933	Methyl ethyl ketone {2-Butanone}	9.1E-03	2.1E-06
Storage Tank	3107	Tank 3107	91203	Naphthalene	1.2E+00	2.7E-04
Storage Tank	3107	Tank 3107	108952	Phenol	9.1E-02	2.1E-05
Storage Tank	3107	Tank 3107	115071	Propylene	1.8E+00	4.2E-04
Storage Tank	3107	Tank 3107	7782492	Selenium	2.3E-02	5.3E-06
Storage Tank	3107	Tank 3107	100425	Styrene	1.8E+00	4.2E-04
Storage Tank	3107	Tank 3107	108883	Toluene	1.5E+01	3.5E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3107	Tank 3107	1330207	Xylenes (mixed)	1.8E+01	4.1E-03
Storage Tank	3110	Desalter Effluent Surge Tank A	106990	1,3-Butadiene	1.6E-02	3.6E-06
Storage Tank	3110	Desalter Effluent Surge Tank A	71432	Benzene	1.5E-02	3.4E-06
Storage Tank	3110	Desalter Effluent Surge Tank A	50328	Benzo[a]pyrene	5.1E-03	1.2E-06
Storage Tank	3110	Desalter Effluent Surge Tank A	75150	Carbon disulfide	7.8E-05	1.8E-08
Storage Tank	3110	Desalter Effluent Surge Tank A	463581	Carbonyl sulfide	3.1E-01	7.2E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	1319773	Cresols (mixtures of) {Cresylic acid}	1.1E-01	2.5E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	111422	Diethanolamine	7.8E-05	1.8E-08
Storage Tank	3110	Desalter Effluent Surge Tank A	100414	Ethyl benzene	8.7E-02	2.0E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	106934	Ethylene dibromide {EDB}	7.8E-05	1.8E-08
Storage Tank	3110	Desalter Effluent Surge Tank A	107062	Ethylene dichloride {EDC}	3.9E-05	8.9E-09
Storage Tank	3110	Desalter Effluent Surge Tank A	110543	Hexane	7.3E-04	1.7E-07
Storage Tank	3110	Desalter Effluent Surge Tank A	7783064	Hydrogen sulfide	1.0E-01	2.3E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	67561	Methanol	1.1E-01	2.5E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	78933	Methyl ethyl ketone {2-Butanone}	3.9E-05	8.9E-09
Storage Tank	3110	Desalter Effluent Surge Tank A	1634044	Methyl tert-butyl ether	1.2E-01	2.7E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	91203	Naphthalene	3.1E-02	7.0E-06
Storage Tank	3110	Desalter Effluent Surge Tank A	108952	Phenol	1.2E-01	2.7E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	115071	Propylene	2.0E-02	4.5E-06
Storage Tank	3110	Desalter Effluent Surge Tank A	7782492	Selenium	1.6E-06	3.6E-10
Storage Tank	3110	Desalter Effluent Surge Tank A	100425	Styrene	4.4E-02	1.0E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	108883	Toluene	3.0E-01	6.9E-05
Storage Tank	3110	Desalter Effluent Surge Tank A	1330207	Xylenes (mixed)	3.7E-01	8.5E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	106990	1,3-Butadiene	1.6E-02	3.6E-06
Storage Tank	3111	Desalter Effluent Surge Tank B	71432	Benzene	1.5E-02	3.4E-06
Storage Tank	3111	Desalter Effluent Surge Tank B	50328	Benzo[a]pyrene	5.1E-03	1.2E-06
Storage Tank	3111	Desalter Effluent Surge Tank B	75150	Carbon disulfide	7.8E-05	1.8E-08
Storage Tank	3111	Desalter Effluent Surge Tank B	463581	Carbonyl sulfide	3.1E-01	7.2E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	1319773	Cresols (mixtures of) {Cresylic acid}	1.1E-01	2.5E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	111422	Diethanolamine	7.8E-05	1.8E-08
Storage Tank	3111	Desalter Effluent Surge Tank B	100414	Ethyl benzene	8.7E-02	2.0E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	106934	Ethylene dibromide {EDB}	7.8E-05	1.8E-08
Storage Tank	3111	Desalter Effluent Surge Tank B	107062	Ethylene dichloride {EDC}	3.9E-05	8.9E-09
Storage Tank	3111	Desalter Effluent Surge Tank B	110543	Hexane	7.3E-04	1.7E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3111	Desalter Effluent Surge Tank B	7783064	Hydrogen sulfide	1.0E-01	2.3E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	67561	Methanol	1.1E-01	2.5E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	78933	Methyl ethyl ketone {2-Butanone}	3.9E-05	8.9E-09
Storage Tank	3111	Desalter Effluent Surge Tank B	1634044	Methyl tert-butyl ether	1.2E-01	2.7E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	91203	Naphthalene	3.1E-02	7.0E-06
Storage Tank	3111	Desalter Effluent Surge Tank B	108952	Phenol	1.2E-01	2.7E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	115071	Propylene	2.0E-02	4.5E-06
Storage Tank	3111	Desalter Effluent Surge Tank B	7782492	Selenium	1.6E-06	3.6E-10
Storage Tank	3111	Desalter Effluent Surge Tank B	100425	Styrene	4.4E-02	1.0E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	108883	Toluene	3.0E-01	6.9E-05
Storage Tank	3111	Desalter Effluent Surge Tank B	1330207	Xylenes (mixed)	3.7E-01	8.5E-05
Storage Tank	3126	Tank 3126	106990	1,3-Butadiene	9.6E-03	2.2E-06
Storage Tank	3126	Tank 3126	71432	Benzene	9.2E-03	2.1E-06
Storage Tank	3126	Tank 3126	50328	Benzo[a]pyrene	3.1E-03	7.1E-07
Storage Tank	3126	Tank 3126	75150	Carbon disulfide	4.8E-05	1.1E-08
Storage Tank	3126	Tank 3126	463581	Carbonyl sulfide	1.9E-01	4.4E-05
Storage Tank	3126	Tank 3126	1319773	Cresols (mixtures of) {Cresylic acid}	6.7E-02	1.5E-05
Storage Tank	3126	Tank 3126	111422	Diethanolamine	4.8E-05	1.1E-08
Storage Tank	3126	Tank 3126	100414	Ethyl benzene	5.3E-02	1.2E-05
Storage Tank	3126	Tank 3126	106934	Ethylene dibromide {EDB}	4.8E-05	1.1E-08
Storage Tank	3126	Tank 3126	107062	Ethylene dichloride {EDC}	2.4E-05	5.5E-09
Storage Tank	3126	Tank 3126	110543	Hexane	4.5E-04	1.0E-07
Storage Tank	3126	Tank 3126	7783064	Hydrogen sulfide	6.1E-02	1.4E-05
Storage Tank	3126	Tank 3126	67561	Methanol	6.7E-02	1.5E-05
Storage Tank	3126	Tank 3126	78933	Methyl ethyl ketone {2-Butanone}	2.4E-05	5.5E-09
Storage Tank	3126	Tank 3126	1634044	Methyl tert-butyl ether	7.3E-02	1.7E-05
Storage Tank	3126	Tank 3126	91203	Naphthalene	1.9E-02	4.3E-06
Storage Tank	3126	Tank 3126	108952	Phenol	7.2E-02	1.6E-05
Storage Tank	3126	Tank 3126	115071	Propylene	1.2E-02	2.8E-06
Storage Tank	3126	Tank 3126	7782492	Selenium	9.6E-07	2.2E-10
Storage Tank	3126	Tank 3126	100425	Styrene	2.7E-02	6.1E-06
Storage Tank	3126	Tank 3126	108883	Toluene	1.9E-01	4.3E-05
Storage Tank	3126	Tank 3126	1330207	Xylenes (mixed)	2.3E-01	5.2E-05
Storage Tank	3127	Tank 3127	106990	1,3-Butadiene	3.8E-03	8.7E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3127	Tank 3127	71432	Benzene	3.6E-03	8.3E-07
Storage Tank	3127	Tank 3127	50328	Benzo[a]pyrene	1.2E-03	2.8E-07
Storage Tank	3127	Tank 3127	75150	Carbon disulfide	1.9E-05	4.4E-09
Storage Tank	3127	Tank 3127	463581	Carbonyl sulfide	7.6E-02	1.7E-05
Storage Tank	3127	Tank 3127	1319773	Cresols (mixtures of) {Cresylic acid}	2.7E-02	6.1E-06
Storage Tank	3127	Tank 3127	111422	Diethanolamine	1.9E-05	4.4E-09
Storage Tank	3127	Tank 3127	100414	Ethyl benzene	2.1E-02	4.8E-06
Storage Tank	3127	Tank 3127	106934	Ethylene dibromide {EDB}	1.9E-05	4.4E-09
Storage Tank	3127	Tank 3127	107062	Ethylene dichloride {EDC}	9.5E-06	2.2E-09
Storage Tank	3127	Tank 3127	110543	Hexane	1.8E-04	4.1E-08
Storage Tank	3127	Tank 3127	7783064	Hydrogen sulfide	2.4E-02	5.6E-06
Storage Tank	3127	Tank 3127	67561	Methanol	2.7E-02	6.1E-06
Storage Tank	3127	Tank 3127	78933	Methyl ethyl ketone {2-Butanone}	9.5E-06	2.2E-09
Storage Tank	3127	Tank 3127	1634044	Methyl tert-butyl ether	2.9E-02	6.6E-06
Storage Tank	3127	Tank 3127	91203	Naphthalene	7.5E-03	1.7E-06
Storage Tank	3127	Tank 3127	108952	Phenol	2.9E-02	6.6E-06
Storage Tank	3127	Tank 3127	115071	Propylene	4.8E-03	1.1E-06
Storage Tank	3127	Tank 3127	7782492	Selenium	3.8E-07	8.7E-11
Storage Tank	3127	Tank 3127	100425	Styrene	1.1E-02	2.4E-06
Storage Tank	3127	Tank 3127	108883	Toluene	7.4E-02	1.7E-05
Storage Tank	3127	Tank 3127	1330207	Xylenes (mixed)	9.1E-02	2.1E-05
Storage Tank	3128	Tank 3128	106990	1,3-Butadiene	1.3E-02	2.9E-06
Storage Tank	3128	Tank 3128	71432	Benzene	1.2E-02	2.7E-06
Storage Tank	3128	Tank 3128	50328	Benzo[a]pyrene	4.0E-03	9.2E-07
Storage Tank	3128	Tank 3128	75150	Carbon disulfide	6.3E-05	1.4E-08
Storage Tank	3128	Tank 3128	463581	Carbonyl sulfide	2.5E-01	5.7E-05
Storage Tank	3128	Tank 3128	1319773	Cresols (mixtures of) {Cresylic acid}	8.7E-02	2.0E-05
Storage Tank	3128	Tank 3128	111422	Diethanolamine	6.3E-05	1.4E-08
Storage Tank	3128	Tank 3128	100414	Ethyl benzene	6.9E-02	1.6E-05
Storage Tank	3128	Tank 3128	106934	Ethylene dibromide {EDB}	6.3E-05	1.4E-08
Storage Tank	3128	Tank 3128	107062	Ethylene dichloride {EDC}	3.1E-05	7.1E-09
Storage Tank	3128	Tank 3128	110543	Hexane	5.9E-04	1.3E-07
Storage Tank	3128	Tank 3128	7783064	Hydrogen sulfide	8.0E-02	1.8E-05
Storage Tank	3128	Tank 3128	67561	Methanol	8.8E-02	2.0E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3128	Tank 3128	78933	Methyl ethyl ketone {2-Butanone}	3.1E-05	7.1E-09
Storage Tank	3128	Tank 3128	1634044	Methyl tert-butyl ether	9.5E-02	2.2E-05
Storage Tank	3128	Tank 3128	91203	Naphthalene	2.5E-02	5.6E-06
Storage Tank	3128	Tank 3128	108952	Phenol	9.4E-02	2.2E-05
Storage Tank	3128	Tank 3128	115071	Propylene	1.6E-02	3.6E-06
Storage Tank	3128	Tank 3128	7782492	Selenium	1.3E-06	2.9E-10
Storage Tank	3128	Tank 3128	100425	Styrene	3.5E-02	8.0E-06
Storage Tank	3128	Tank 3128	108883	Toluene	2.4E-01	5.5E-05
Storage Tank	3128	Tank 3128	1330207	Xylenes (mixed)	3.0E-01	6.8E-05
Storage Tank	3129	Tank 3129	71432	Benzene	2.3E-01	5.2E-05
Storage Tank	3129	Tank 3129	50328	Benzo[a]pyrene	5.5E-01	1.3E-04
Storage Tank	3129	Tank 3129	1319773	Cresols (mixtures of) {Cresylic acid}	7.2E-02	1.7E-05
Storage Tank	3129	Tank 3129	100414	Ethyl benzene	1.9E-01	4.4E-05
Storage Tank	3129	Tank 3129	110543	Hexane	2.0E-01	4.7E-05
Storage Tank	3129	Tank 3129	7783064	Hydrogen sulfide	2.3E-04	5.2E-08
Storage Tank	3129	Tank 3129	91203	Naphthalene	1.3E-01	3.1E-05
Storage Tank	3129	Tank 3129	108952	Phenol	7.2E-02	1.7E-05
Storage Tank	3129	Tank 3129	108883	Toluene	6.1E+00	1.4E-03
Storage Tank	3129	Tank 3129	1330207	Xylenes (mixed)	9.6E-01	2.2E-04
Storage Tank	3132	Tank 3132	106990	1,3-Butadiene	1.0E-01	2.4E-05
Storage Tank	3132	Tank 3132	71432	Benzene	5.5E-02	1.3E-05
Storage Tank	3132	Tank 3132	50328	Benzo[a]pyrene	3.1E-01	7.2E-05
Storage Tank	3132	Tank 3132	75150	Carbon disulfide	2.3E-03	5.2E-07
Storage Tank	3132	Tank 3132	56235	Carbon tetrachloride	8.3E-04	1.9E-07
Storage Tank	3132	Tank 3132	463581	Carbonyl sulfide	2.3E+00	5.2E-04
Storage Tank	3132	Tank 3132	1319773	Cresols (mixtures of) {Cresylic acid}	5.7E-04	1.3E-07
Storage Tank	3132	Tank 3132	111422	Diethanolamine	5.9E-02	1.4E-05
Storage Tank	3132	Tank 3132	100414	Ethyl benzene	1.3E-02	2.9E-06
Storage Tank	3132	Tank 3132	106934	Ethylene dibromide {EDB}	2.3E-03	5.2E-07
Storage Tank	3132	Tank 3132	107062	Ethylene dichloride {EDC}	8.3E-04	1.9E-07
Storage Tank	3132	Tank 3132	110543	Hexane	1.9E-02	4.2E-06
Storage Tank	3132	Tank 3132	7783064	Hydrogen sulfide	2.1E-03	4.9E-07
Storage Tank	3132	Tank 3132	67630	Isopropyl alcohol	7.2E-05	1.7E-08
Storage Tank	3132	Tank 3132	67561	Methanol	1.8E-02	4.1E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3132	Tank 3132	78933	Methyl ethyl ketone {2-Butanone}	9.9E-06	2.3E-09
Storage Tank	3132	Tank 3132	1634044	Methyl tert-butyl ether	8.3E-04	1.9E-07
Storage Tank	3132	Tank 3132	75092	Methylene chloride {Dichloromethane}	1.1E-05	2.4E-09
Storage Tank	3132	Tank 3132	91203	Naphthalene	8.1E-02	1.9E-05
Storage Tank	3132	Tank 3132	108952	Phenol	1.2E+00	2.6E-04
Storage Tank	3132	Tank 3132	115071	Propylene	9.5E-05	2.2E-08
Storage Tank	3132	Tank 3132	7782492	Selenium	2.3E-05	5.2E-09
Storage Tank	3132	Tank 3132	100425	Styrene	1.2E-01	2.8E-05
Storage Tank	3132	Tank 3132	108883	Toluene	2.1E-02	4.7E-06
Storage Tank	3132	Tank 3132	1330207	Xylenes (mixed)	8.4E-02	1.9E-05
Storage Tank	3133	Tank 3133	106990	1,3-Butadiene	9.0E-01	2.1E-04
Storage Tank	3133	Tank 3133	71432	Benzene	4.2E+01	9.6E-03
Storage Tank	3133	Tank 3133	50328	Benzo[a]pyrene	5.7E-05	1.3E-08
Storage Tank	3133	Tank 3133	75150	Carbon disulfide	1.1E-01	2.5E-05
Storage Tank	3133	Tank 3133	463581	Carbonyl sulfide	5.7E+01	1.3E-02
Storage Tank	3133	Tank 3133	1319773	Cresols (mixtures of) {Cresylic acid}	5.1E+00	1.2E-03
Storage Tank	3133	Tank 3133	111422	Diethanolamine	1.4E+00	3.2E-04
Storage Tank	3133	Tank 3133	100414	Ethyl benzene	1.1E+02	2.5E-02
Storage Tank	3133	Tank 3133	106934	Ethylene dibromide {EDB}	1.4E-01	3.2E-05
Storage Tank	3133	Tank 3133	107062	Ethylene dichloride {EDC}	7.1E-02	1.6E-05
Storage Tank	3133	Tank 3133	110543	Hexane	2.5E+01	5.7E-03
Storage Tank	3133	Tank 3133	7783064	Hydrogen sulfide	8.5E-03	1.9E-06
Storage Tank	3133	Tank 3133	67561	Methanol	1.7E+00	3.9E-04
Storage Tank	3133	Tank 3133	78933	Methyl ethyl ketone {2-Butanone}	1.4E-01	3.2E-05
Storage Tank	3133	Tank 3133	1634044	Methyl tert-butyl ether	3.2E+01	7.2E-03
Storage Tank	3133	Tank 3133	91203	Naphthalene	1.2E+01	2.7E-03
Storage Tank	3133	Tank 3133	108952	Phenol	1.4E-02	3.2E-06
Storage Tank	3133	Tank 3133	115071	Propylene	1.6E+00	3.6E-04
Storage Tank	3133	Tank 3133	100425	Styrene	1.9E+00	4.3E-04
Storage Tank	3133	Tank 3133	108883	Toluene	5.1E+02	1.2E-01
Storage Tank	3133	Tank 3133	1330207	Xylenes (mixed)	5.3E+02	1.2E-01
Storage Tank	3134	Tank 3134	106990	1,3-Butadiene	7.4E-01	1.7E-04
Storage Tank	3134	Tank 3134	71432	Benzene	3.5E+01	8.0E-03
Storage Tank	3134	Tank 3134	50328	Benzo[a]pyrene	4.7E-05	1.1E-08

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3134	Tank 3134	75150	Carbon disulfide	9.1E-02	2.1E-05
Storage Tank	3134	Tank 3134	463581	Carbonyl sulfide	4.7E+01	1.1E-02
Storage Tank	3134	Tank 3134	1319773	Cresols (mixtures of) {Cresylic acid}	4.2E+00	9.6E-04
Storage Tank	3134	Tank 3134	111422	Diethanolamine	1.2E+00	2.7E-04
Storage Tank	3134	Tank 3134	100414	Ethyl benzene	8.9E+01	2.0E-02
Storage Tank	3134	Tank 3134	106934	Ethylene dibromide {EDB}	1.2E-01	2.7E-05
Storage Tank	3134	Tank 3134	107062	Ethylene dichloride {EDC}	5.9E-02	1.3E-05
Storage Tank	3134	Tank 3134	110543	Hexane	2.1E+01	4.7E-03
Storage Tank	3134	Tank 3134	7783064	Hydrogen sulfide	7.1E-03	1.6E-06
Storage Tank	3134	Tank 3134	67561	Methanol	1.4E+00	3.2E-04
Storage Tank	3134	Tank 3134	78933	Methyl ethyl ketone {2-Butanone}	1.2E-01	2.7E-05
Storage Tank	3134	Tank 3134	1634044	Methyl tert-butyl ether	2.6E+01	6.0E-03
Storage Tank	3134	Tank 3134	91203	Naphthalene	9.7E+00	2.2E-03
Storage Tank	3134	Tank 3134	108952	Phenol	1.2E-02	2.7E-06
Storage Tank	3134	Tank 3134	115071	Propylene	1.3E+00	3.0E-04
Storage Tank	3134	Tank 3134	100425	Styrene	1.6E+00	3.6E-04
Storage Tank	3134	Tank 3134	108883	Toluene	4.2E+02	9.6E-02
Storage Tank	3134	Tank 3134	1330207	Xylenes (mixed)	4.4E+02	1.0E-01
Storage Tank	3138	Tank 3138	106990	1,3-Butadiene	8.5E-02	1.9E-05
Storage Tank	3138	Tank 3138	71432	Benzene	9.1E-01	2.1E-04
Storage Tank	3138	Tank 3138	50328	Benzo[a]pyrene	2.4E-02	5.5E-06
Storage Tank	3138	Tank 3138	75150	Carbon disulfide	1.3E-03	3.0E-07
Storage Tank	3138	Tank 3138	463581	Carbonyl sulfide	3.7E-04	8.5E-08
Storage Tank	3138	Tank 3138	1319773	Cresols (mixtures of) {Cresylic acid}	2.9E-02	6.7E-06
Storage Tank	3138	Tank 3138	111422	Diethanolamine	4.4E-02	1.0E-05
Storage Tank	3138	Tank 3138	100414	Ethyl benzene	8.7E-03	2.0E-06
Storage Tank	3138	Tank 3138	106934	Ethylene dibromide {EDB}	1.3E-03	3.0E-07
Storage Tank	3138	Tank 3138	107062	Ethylene dichloride {EDC}	6.5E-04	1.5E-07
Storage Tank	3138	Tank 3138	110543	Hexane	3.8E+00	8.7E-04
Storage Tank	3138	Tank 3138	7783064	Hydrogen sulfide	5.4E-03	1.2E-06
Storage Tank	3138	Tank 3138	67630	Isopropyl alcohol	7.4E-02	1.7E-05
Storage Tank	3138	Tank 3138	67561	Methanol	9.0E-02	2.0E-05
Storage Tank	3138	Tank 3138	78933	Methyl ethyl ketone {2-Butanone}	1.3E-01	3.1E-05
Storage Tank	3138	Tank 3138	1634044	Methyl tert-butyl ether	3.0E-01	6.8E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3138	Tank 3138	91203	Naphthalene	1.2E-02	2.8E-06
Storage Tank	3138	Tank 3138	108952	Phenol	4.3E-04	9.9E-08
Storage Tank	3138	Tank 3138	115071	Propylene	2.7E+00	6.1E-04
Storage Tank	3138	Tank 3138	7782492	Selenium	1.8E-05	4.0E-09
Storage Tank	3138	Tank 3138	100425	Styrene	3.3E-01	7.4E-05
Storage Tank	3138	Tank 3138	108883	Toluene	3.1E-02	7.1E-06
Storage Tank	3138	Tank 3138	1330207	Xylenes (mixed)	3.9E+00	8.9E-04
Storage Tank	3139	Tank 3139	71432	Benzene	1.7E-02	3.9E-06
Storage Tank	3139	Tank 3139	50328	Benzo[a]pyrene	1.7E-01	4.0E-05
Storage Tank	3139	Tank 3139	100414	Ethyl benzene	3.6E-01	8.2E-05
Storage Tank	3139	Tank 3139	110543	Hexane	2.9E-01	6.6E-05
Storage Tank	3139	Tank 3139	91203	Naphthalene	1.5E+00	3.4E-04
Storage Tank	3139	Tank 3139	108952	Phenol	3.9E-03	8.9E-07
Storage Tank	3139	Tank 3139	108883	Toluene	5.4E-01	1.2E-04
Storage Tank	3139	Tank 3139	1330207	Xylenes (mixed)	2.5E+00	5.7E-04
Storage Tank	3142	Tank 3142	106990	1,3-Butadiene	9.9E-05	2.3E-08
Storage Tank	3142	Tank 3142	75070	Acetaldehyde	2.5E-05	5.7E-09
Storage Tank	3142	Tank 3142	7664417	Ammonia	1.7E-06	3.8E-10
Storage Tank	3142	Tank 3142	71432	Benzene	4.6E-05	1.1E-08
Storage Tank	3142	Tank 3142	50328	Benzo[a]pyrene	4.8E-05	1.1E-08
Storage Tank	3142	Tank 3142	75150	Carbon disulfide	4.1E-05	9.4E-09
Storage Tank	3142	Tank 3142	56235	Carbon tetrachloride	1.1E-05	2.6E-09
Storage Tank	3142	Tank 3142	463581	Carbonyl sulfide	1.7E-01	3.8E-05
Storage Tank	3142	Tank 3142	1319773	Cresols (mixtures of) {Cresylic acid}	2.0E-02	4.5E-06
Storage Tank	3142	Tank 3142	111422	Diethanolamine	4.2E-01	9.6E-05
Storage Tank	3142	Tank 3142	100414	Ethyl benzene	4.4E-06	1.0E-09
Storage Tank	3142	Tank 3142	106934	Ethylene dibromide {EDB}	4.1E-05	9.4E-09
Storage Tank	3142	Tank 3142	107062	Ethylene dichloride {EDC}	2.1E-05	4.7E-09
Storage Tank	3142	Tank 3142	110543	Hexane	4.1E-05	9.4E-09
Storage Tank	3142	Tank 3142	7783064	Hydrogen sulfide	1.7E-05	3.8E-09
Storage Tank	3142	Tank 3142	67561	Methanol	6.8E-02	1.5E-05
Storage Tank	3142	Tank 3142	78933	Methyl ethyl ketone {2-Butanone}	3.0E-04	6.9E-08
Storage Tank	3142	Tank 3142	1634044	Methyl tert-butyl ether	2.1E-05	4.7E-09
Storage Tank	3142	Tank 3142	91203	Naphthalene	4.6E-07	1.0E-10

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3142	Tank 3142	108952	Phenol	2.3E-01	5.3E-05
Storage Tank	3142	Tank 3142	100425	Styrene	2.2E-05	5.1E-09
Storage Tank	3142	Tank 3142	108883	Toluene	3.2E-05	7.2E-09
Storage Tank	3142	Tank 3142	1330207	Xylenes (mixed)	1.6E-05	3.6E-09
Storage Tank	3146	Tank 3146: 20% Aqueous Ammonia	7664417	Ammonia	3.3E+03	7.5E-01
Storage Tank	3147	Tank 3147: Organic Liquid Storage Tank	110543	Hexane	1.1E-05	2.6E-09
Storage Tank	3148	Tank 3148: Organic Liquid Storage Tank	110543	Hexane	2.4E-05	5.5E-09
Storage Tank	3157	Lube Oil Tank	71432	Benzene	4.4E-08	1.0E-11
Storage Tank	3157	Lube Oil Tank	50328	Benzo[a]pyrene	3.7E-06	8.4E-10
Storage Tank	3157	Lube Oil Tank	110543	Hexane	4.7E-05	1.1E-08
Storage Tank	3157	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	3.0E-07	6.8E-11
Storage Tank	3157	Lube Oil Tank	91203	Naphthalene	1.2E-07	2.7E-11
Storage Tank	3158	Lube Oil Tank	71432	Benzene	5.5E-07	1.3E-10
Storage Tank	3158	Lube Oil Tank	50328	Benzo[a]pyrene	4.6E-05	1.1E-08
Storage Tank	3158	Lube Oil Tank	110543	Hexane	5.9E-04	1.4E-07
Storage Tank	3158	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	3.7E-06	8.6E-10
Storage Tank	3158	Lube Oil Tank	91203	Naphthalene	1.5E-06	3.4E-10
Storage Tank	3159	Lube Oil Tank	71432	Benzene	5.2E-07	1.2E-10
Storage Tank	3159	Lube Oil Tank	50328	Benzo[a]pyrene	4.4E-05	1.0E-08
Storage Tank	3159	Lube Oil Tank	110543	Hexane	5.6E-04	1.3E-07
Storage Tank	3159	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	3.5E-06	8.1E-10
Storage Tank	3159	Lube Oil Tank	91203	Naphthalene	1.4E-06	3.2E-10
Storage Tank	3160	Tank 3160: Organic Liquid Storage Tank	71432	Benzene	6.4E-07	1.5E-10
Storage Tank	3160	Tank 3160: Organic Liquid Storage Tank	50328	Benzo[a]pyrene	5.3E-05	1.2E-08
Storage Tank	3160	Tank 3160: Organic Liquid Storage Tank	110543	Hexane	6.8E-04	1.6E-07
Storage Tank	3160	Tank 3160: Organic Liquid Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	4.3E-06	9.9E-10
Storage Tank	3160	Tank 3160: Organic Liquid Storage Tank	91203	Naphthalene	1.7E-06	3.9E-10
Storage Tank	3161	Lube Oil Tank	71432	Benzene	4.6E-07	1.0E-10
Storage Tank	3161	Lube Oil Tank	50328	Benzo[a]pyrene	3.8E-05	8.7E-09
Storage Tank	3161	Lube Oil Tank	110543	Hexane	4.9E-04	1.1E-07
Storage Tank	3161	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	3.1E-06	7.1E-10
Storage Tank	3161	Lube Oil Tank	91203	Naphthalene	1.2E-06	2.8E-10
Storage Tank	3162	Lube Oil Tank	71432	Benzene	4.3E-07	9.9E-11
Storage Tank	3162	Lube Oil Tank	50328	Benzo[a]pyrene	3.6E-05	8.3E-09

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3162	Lube Oil Tank	110543	Hexane	4.7E-04	1.1E-07
Storage Tank	3162	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	2.9E-06	6.7E-10
Storage Tank	3162	Lube Oil Tank	91203	Naphthalene	1.2E-06	2.7E-10
Storage Tank	3163	Lube Oil Tank	71432	Benzene	3.6E-07	8.1E-11
Storage Tank	3163	Lube Oil Tank	50328	Benzo[a]pyrene	3.0E-05	6.8E-09
Storage Tank	3163	Lube Oil Tank	110543	Hexane	3.8E-04	8.7E-08
Storage Tank	3163	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	2.4E-06	5.5E-10
Storage Tank	3163	Lube Oil Tank	91203	Naphthalene	9.6E-07	2.2E-10
Storage Tank	3164	Lube Oil Tank	71432	Benzene	3.4E-07	7.9E-11
Storage Tank	3164	Lube Oil Tank	50328	Benzo[a]pyrene	2.9E-05	6.5E-09
Storage Tank	3164	Lube Oil Tank	110543	Hexane	3.7E-04	8.4E-08
Storage Tank	3164	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	2.3E-06	5.3E-10
Storage Tank	3164	Lube Oil Tank	91203	Naphthalene	9.3E-07	2.1E-10
Storage Tank	3165	Lube Oil Tank	71432	Benzene	6.2E-07	1.4E-10
Storage Tank	3165	Lube Oil Tank	50328	Benzo[a]pyrene	5.2E-05	1.2E-08
Storage Tank	3165	Lube Oil Tank	110543	Hexane	6.7E-04	1.5E-07
Storage Tank	3165	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	4.2E-06	9.6E-10
Storage Tank	3165	Lube Oil Tank	91203	Naphthalene	1.7E-06	3.8E-10
Storage Tank	3166	Lube Oil Tank	71432	Benzene	6.2E-07	1.4E-10
Storage Tank	3166	Lube Oil Tank	50328	Benzo[a]pyrene	5.1E-05	1.2E-08
Storage Tank	3166	Lube Oil Tank	110543	Hexane	6.6E-04	1.5E-07
Storage Tank	3166	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	4.2E-06	9.5E-10
Storage Tank	3166	Lube Oil Tank	91203	Naphthalene	1.7E-06	3.8E-10
Storage Tank	3167	Lube Oil Tank	71432	Benzene	4.5E-07	1.0E-10
Storage Tank	3167	Lube Oil Tank	50328	Benzo[a]pyrene	3.7E-05	8.5E-09
Storage Tank	3167	Lube Oil Tank	110543	Hexane	4.8E-04	1.1E-07
Storage Tank	3167	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	3.0E-06	6.9E-10
Storage Tank	3167	Lube Oil Tank	91203	Naphthalene	1.2E-06	2.8E-10
Storage Tank	3168	Lube Oil Tank	71432	Benzene	4.7E-07	1.1E-10
Storage Tank	3168	Lube Oil Tank	50328	Benzo[a]pyrene	3.9E-05	9.0E-09
Storage Tank	3168	Lube Oil Tank	110543	Hexane	5.1E-04	1.2E-07
Storage Tank	3168	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	3.2E-06	7.3E-10
Storage Tank	3168	Lube Oil Tank	91203	Naphthalene	1.3E-06	2.9E-10
Storage Tank	3169	Lube Oil Tank	71432	Benzene	9.8E-07	2.2E-10

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3169	Lube Oil Tank	50328	Benzo[a]pyrene	8.2E-05	1.9E-08
Storage Tank	3169	Lube Oil Tank	110543	Hexane	1.1E-03	2.4E-07
Storage Tank	3169	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	6.6E-06	1.5E-09
Storage Tank	3169	Lube Oil Tank	91203	Naphthalene	2.7E-06	6.1E-10
Storage Tank	3170	Lube Oil Tank	71432	Benzene	1.8E-03	4.0E-07
Storage Tank	3170	Lube Oil Tank	50328	Benzo[a]pyrene	2.8E-05	6.4E-09
Storage Tank	3170	Lube Oil Tank	100414	Ethyl benzene	7.5E-03	1.7E-06
Storage Tank	3170	Lube Oil Tank	110543	Hexane	2.6E-03	5.8E-07
Storage Tank	3170	Lube Oil Tank	7783064	Hydrogen sulfide	9.4E-05	2.2E-08
Storage Tank	3170	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	2.3E-06	5.2E-10
Storage Tank	3170	Lube Oil Tank	91203	Naphthalene	9.1E-07	2.1E-10
Storage Tank	3170	Lube Oil Tank	108883	Toluene	7.0E-03	1.6E-06
Storage Tank	3170	Lube Oil Tank	1330207	Xylenes (mixed)	3.0E-02	6.9E-06
Storage Tank	3171	Lube Oil Tank	71432	Benzene	5.2E-07	1.2E-10
Storage Tank	3171	Lube Oil Tank	50328	Benzo[a]pyrene	4.4E-05	9.9E-09
Storage Tank	3171	Lube Oil Tank	110543	Hexane	5.6E-04	1.3E-07
Storage Tank	3171	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	3.5E-06	8.1E-10
Storage Tank	3171	Lube Oil Tank	91203	Naphthalene	1.4E-06	3.2E-10
Storage Tank	3172	Lube Oil Tank	71432	Benzene	2.6E-07	6.0E-11
Storage Tank	3172	Lube Oil Tank	50328	Benzo[a]pyrene	2.2E-05	5.0E-09
Storage Tank	3172	Lube Oil Tank	110543	Hexane	2.8E-04	6.4E-08
Storage Tank	3172	Lube Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	1.8E-06	4.0E-10
Storage Tank	3172	Lube Oil Tank	91203	Naphthalene	7.1E-07	1.6E-10
Storage Tank	3180	Tank 3180	106990	1,3-Butadiene	3.9E-01	9.0E-05
Storage Tank	3180	Tank 3180	71432	Benzene	7.6E+01	1.7E-02
Storage Tank	3180	Tank 3180	50328	Benzo[a]pyrene	1.7E-03	3.9E-07
Storage Tank	3180	Tank 3180	75150	Carbon disulfide	6.2E-02	1.4E-05
Storage Tank	3180	Tank 3180	463581	Carbonyl sulfide	6.2E+01	1.4E-02
Storage Tank	3180	Tank 3180	1319773	Cresols (mixtures of) {Cresylic acid}	1.6E-02	3.6E-06
Storage Tank	3180	Tank 3180	111422	Diethanolamine	1.6E+00	3.6E-04
Storage Tank	3180	Tank 3180	100414	Ethyl benzene	1.9E+02	4.3E-02
Storage Tank	3180	Tank 3180	106934	Ethylene dibromide {EDB}	6.2E-02	1.4E-05
Storage Tank	3180	Tank 3180	107062	Ethylene dichloride {EDC}	3.1E-02	7.1E-06
Storage Tank	3180	Tank 3180	110543	Hexane	1.9E+01	4.3E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3180	Tank 3180	7783064	Hydrogen sulfide	3.1E+00	7.1E-04
Storage Tank	3180	Tank 3180	67561	Methanol	3.1E+00	7.1E-04
Storage Tank	3180	Tank 3180	78933	Methyl ethyl ketone {2-Butanone}	3.1E-02	7.1E-06
Storage Tank	3180	Tank 3180	1634044	Methyl tert-butyl ether	3.6E+00	8.2E-04
Storage Tank	3180	Tank 3180	91203	Naphthalene	1.3E+01	3.0E-03
Storage Tank	3180	Tank 3180	108952	Phenol	1.6E-02	3.6E-06
Storage Tank	3180	Tank 3180	115071	Propylene	3.5E-02	7.9E-06
Storage Tank	3180	Tank 3180	100425	Styrene	2.8E+00	6.4E-04
Storage Tank	3180	Tank 3180	108883	Toluene	9.1E+02	2.1E-01
Storage Tank	3180	Tank 3180	1330207	Xylenes (mixed)	9.4E+02	2.1E-01
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	106990	1,3-Butadiene	2.1E-04	4.9E-08
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	71432	Benzene	1.5E-04	3.3E-08
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	50328	Benzo[a]pyrene	2.1E-02	4.9E-06
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	75150	Carbon disulfide	8.6E-05	2.0E-08
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	463581	Carbonyl sulfide	1.7E+00	3.9E-04
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	111422	Diethanolamine	2.2E-02	5.1E-06
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	100414	Ethyl benzene	5.4E-02	1.2E-05
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	106934	Ethylene dibromide {EDB}	8.6E-05	2.0E-08
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	107062	Ethylene dichloride {EDC}	4.3E-05	9.8E-09
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	110543	Hexane	1.5E-01	3.3E-05
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	7783064	Hydrogen sulfide	3.1E-04	7.2E-08
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	67561	Methanol	9.0E-04	2.1E-07
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	4.3E-05	9.8E-09
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	1634044	Methyl tert-butyl ether	4.3E-05	9.8E-09
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	91203	Naphthalene	9.3E-02	2.1E-05
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	108952	Phenol	1.7E+00	3.9E-04
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	115071	Propylene	1.7E+00	3.9E-04
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	7782492	Selenium	2.1E-05	4.9E-09
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	100425	Styrene	3.6E-02	8.1E-06
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	108883	Toluene	1.6E-01	3.6E-05
Storage Tank	3182	Tank 3182: Organic Liquid Storage Tank	1330207	Xylenes (mixed)	4.4E-02	1.0E-05
Storage Tank	3185	Tank 3185 (previously T-982)	71432	Benzene	2.9E-01	6.7E-05
Storage Tank	3185	Tank 3185 (previously T-982)	50328	Benzo[a]pyrene	7.1E-01	1.6E-04
Storage Tank	3185	Tank 3185 (previously T-982)	1319773	Cresols (mixtures of) {Cresylic acid}	9.3E-02	2.1E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3185	Tank 3185 (previously T-982)	100414	Ethyl benzene	2.5E-01	5.7E-05
Storage Tank	3185	Tank 3185 (previously T-982)	110543	Hexane	2.6E-01	5.9E-05
Storage Tank	3185	Tank 3185 (previously T-982)	7783064	Hydrogen sulfide	2.9E-04	6.6E-08
Storage Tank	3185	Tank 3185 (previously T-982)	91203	Naphthalene	1.7E-01	3.9E-05
Storage Tank	3185	Tank 3185 (previously T-982)	108952	Phenol	9.3E-02	2.1E-05
Storage Tank	3185	Tank 3185 (previously T-982)	108883	Toluene	7.7E+00	1.8E-03
Storage Tank	3185	Tank 3185 (previously T-982)	1330207	Xylenes (mixed)	1.2E+00	2.8E-04
Storage Tank	3186	Gas Oil Tank	106990	1,3-Butadiene	6.5E-02	1.5E-05
Storage Tank	3186	Gas Oil Tank	71432	Benzene	6.9E-01	1.6E-04
Storage Tank	3186	Gas Oil Tank	50328	Benzo[a]pyrene	1.8E-02	4.2E-06
Storage Tank	3186	Gas Oil Tank	75150	Carbon disulfide	1.0E-03	2.3E-07
Storage Tank	3186	Gas Oil Tank	463581	Carbonyl sulfide	2.8E-04	6.4E-08
Storage Tank	3186	Gas Oil Tank	1319773	Cresols (mixtures of) {Cresylic acid}	2.2E-02	5.1E-06
Storage Tank	3186	Gas Oil Tank	111422	Diethanolamine	3.3E-02	7.6E-06
Storage Tank	3186	Gas Oil Tank	100414	Ethyl benzene	6.6E-03	1.5E-06
Storage Tank	3186	Gas Oil Tank	106934	Ethylene dibromide {EDB}	9.8E-04	2.2E-07
Storage Tank	3186	Gas Oil Tank	107062	Ethylene dichloride {EDC}	4.9E-04	1.1E-07
Storage Tank	3186	Gas Oil Tank	110543	Hexane	2.9E+00	6.6E-04
Storage Tank	3186	Gas Oil Tank	7783064	Hydrogen sulfide	4.1E-03	9.3E-07
Storage Tank	3186	Gas Oil Tank	67630	Isopropyl alcohol	5.6E-02	1.3E-05
Storage Tank	3186	Gas Oil Tank	67561	Methanol	6.8E-02	1.6E-05
Storage Tank	3186	Gas Oil Tank	78933	Methyl ethyl ketone {2-Butanone}	1.0E-01	2.3E-05
Storage Tank	3186	Gas Oil Tank	1634044	Methyl tert-butyl ether	2.2E-01	5.1E-05
Storage Tank	3186	Gas Oil Tank	91203	Naphthalene	9.2E-03	2.1E-06
Storage Tank	3186	Gas Oil Tank	108952	Phenol	3.3E-04	7.5E-08
Storage Tank	3186	Gas Oil Tank	115071	Propylene	2.0E+00	4.6E-04
Storage Tank	3186	Gas Oil Tank	7782492	Selenium	1.3E-05	3.0E-09
Storage Tank	3186	Gas Oil Tank	100425	Styrene	2.5E-01	5.6E-05
Storage Tank	3186	Gas Oil Tank	108883	Toluene	2.4E-02	5.4E-06
Storage Tank	3186	Gas Oil Tank	1330207	Xylenes (mixed)	3.0E+00	6.8E-04
Storage Tank	3189	Gasoline component and Diesel Tank	106990	1,3-Butadiene	1.0E+00	2.3E-04
Storage Tank	3189	Gasoline component and Diesel Tank	71432	Benzene	4.8E+01	1.1E-02
Storage Tank	3189	Gasoline component and Diesel Tank	50328	Benzo[a]pyrene	6.4E-05	1.5E-08
Storage Tank	3189	Gasoline component and Diesel Tank	75150	Carbon disulfide	1.2E-01	2.8E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3189	Gasoline component and Diesel Tank	463581	Carbonyl sulfide	6.4E+01	1.5E-02
Storage Tank	3189	Gasoline component and Diesel Tank	1319773	Cresols (mixtures of) {Cresylic acid}	5.7E+00	1.3E-03
Storage Tank	3189	Gasoline component and Diesel Tank	111422	Diethanolamine	1.6E+00	3.6E-04
Storage Tank	3189	Gasoline component and Diesel Tank	100414	Ethyl benzene	1.2E+02	2.8E-02
Storage Tank	3189	Gasoline component and Diesel Tank	106934	Ethylene dibromide {EDB}	1.6E-01	3.7E-05
Storage Tank	3189	Gasoline component and Diesel Tank	107062	Ethylene dichloride {EDC}	8.0E-02	1.8E-05
Storage Tank	3189	Gasoline component and Diesel Tank	110543	Hexane	2.8E+01	6.4E-03
Storage Tank	3189	Gasoline component and Diesel Tank	7783064	Hydrogen sulfide	9.7E-03	2.2E-06
Storage Tank	3189	Gasoline component and Diesel Tank	67561	Methanol	1.9E+00	4.4E-04
Storage Tank	3189	Gasoline component and Diesel Tank	78933	Methyl ethyl ketone {2-Butanone}	1.6E-01	3.7E-05
Storage Tank	3189	Gasoline component and Diesel Tank	1634044	Methyl tert-butyl ether	3.6E+01	8.2E-03
Storage Tank	3189	Gasoline component and Diesel Tank	91203	Naphthalene	1.3E+01	3.0E-03
Storage Tank	3189	Gasoline component and Diesel Tank	108952	Phenol	1.6E-02	3.7E-06
Storage Tank	3189	Gasoline component and Diesel Tank	115071	Propylene	1.8E+00	4.1E-04
Storage Tank	3189	Gasoline component and Diesel Tank	100425	Styrene	2.1E+00	4.9E-04
Storage Tank	3189	Gasoline component and Diesel Tank	108883	Toluene	5.8E+02	1.3E-01
Storage Tank	3189	Gasoline component and Diesel Tank	1330207	Xylenes (mixed)	6.1E+02	1.4E-01
Storage Tank	3190	Storage Tank	71432	Benzene	2.4E-01	5.6E-05
Storage Tank	3190	Storage Tank	50328	Benzo[a]pyrene	5.9E-01	1.4E-04
Storage Tank	3190	Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	7.8E-02	1.8E-05
Storage Tank	3190	Storage Tank	100414	Ethyl benzene	2.1E-01	4.8E-05
Storage Tank	3190	Storage Tank	110543	Hexane	2.2E-01	5.0E-05
Storage Tank	3190	Storage Tank	7783064	Hydrogen sulfide	2.4E-04	5.5E-08
Storage Tank	3190	Storage Tank	91203	Naphthalene	1.4E-01	3.3E-05
Storage Tank	3190	Storage Tank	108952	Phenol	7.8E-02	1.8E-05
Storage Tank	3190	Storage Tank	108883	Toluene	6.5E+00	1.5E-03
Storage Tank	3190	Storage Tank	1330207	Xylenes (mixed)	1.0E+00	2.4E-04
Storage Tank	3191	Storage Tank	106990	1,3-Butadiene	4.4E-01	1.0E-04
Storage Tank	3191	Storage Tank	71432	Benzene	2.0E+01	4.7E-03
Storage Tank	3191	Storage Tank	50328	Benzo[a]pyrene	2.8E-05	6.3E-09
Storage Tank	3191	Storage Tank	75150	Carbon disulfide	5.3E-02	1.2E-05
Storage Tank	3191	Storage Tank	463581	Carbonyl sulfide	2.8E+01	6.3E-03
Storage Tank	3191	Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	2.5E+00	5.6E-04
Storage Tank	3191	Storage Tank	111422	Diethanolamine	6.8E-01	1.6E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3191	Storage Tank	100414	Ethyl benzene	5.2E+01	1.2E-02
Storage Tank	3191	Storage Tank	106934	Ethylene dibromide {EDB}	6.9E-02	1.6E-05
Storage Tank	3191	Storage Tank	107062	Ethylene dichloride {EDC}	3.4E-02	7.9E-06
Storage Tank	3191	Storage Tank	110543	Hexane	1.2E+01	2.7E-03
Storage Tank	3191	Storage Tank	7783064	Hydrogen sulfide	4.1E-03	9.4E-07
Storage Tank	3191	Storage Tank	67561	Methanol	8.2E-01	1.9E-04
Storage Tank	3191	Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	6.9E-02	1.6E-05
Storage Tank	3191	Storage Tank	1634044	Methyl tert-butyl ether	1.5E+01	3.5E-03
Storage Tank	3191	Storage Tank	91203	Naphthalene	5.7E+00	1.3E-03
Storage Tank	3191	Storage Tank	108952	Phenol	6.9E-03	1.6E-06
Storage Tank	3191	Storage Tank	115071	Propylene	7.7E-01	1.8E-04
Storage Tank	3191	Storage Tank	100425	Styrene	9.1E-01	2.1E-04
Storage Tank	3191	Storage Tank	108883	Toluene	2.5E+02	5.6E-02
Storage Tank	3191	Storage Tank	1330207	Xylenes (mixed)	2.6E+02	5.9E-02
Storage Tank	3193	Gasoline component Tank	71432	Benzene	2.6E+00	5.9E-04
Storage Tank	3193	Gasoline component Tank	100414	Ethyl benzene	3.2E+00	7.4E-04
Storage Tank	3193	Gasoline component Tank	110543	Hexane	1.5E+01	3.4E-03
Storage Tank	3193	Gasoline component Tank	100425	Styrene	7.4E-01	1.7E-04
Storage Tank	3193	Gasoline component Tank	108883	Toluene	1.2E+01	2.8E-03
Storage Tank	3193	Gasoline component Tank	1330207	Xylenes (mixed)	2.6E+00	5.9E-04
Storage Tank	3194	Storage Tank T-3194	71432	Benzene	2.2E-03	4.9E-07
Storage Tank	3194	Storage Tank T-3194	50328	Benzo[a]pyrene	7.8E-02	1.8E-05
Storage Tank	3194	Storage Tank T-3194	100414	Ethyl benzene	9.4E-03	2.1E-06
Storage Tank	3194	Storage Tank T-3194	110543	Hexane	1.5E-02	3.5E-06
Storage Tank	3194	Storage Tank T-3194	91203	Naphthalene	7.3E-03	1.7E-06
Storage Tank	3194	Storage Tank T-3194	108883	Toluene	2.2E-02	4.9E-06
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	106990	1,3-Butadiene	4.8E+00	1.1E-03
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	123911	1,4-Dioxane	4.2E-04	9.6E-08
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	107028	Acrolein	1.0E-03	2.4E-07
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	71432	Benzene	7.4E-01	1.7E-04
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	50328	Benzo[a]pyrene	3.9E+00	8.8E-04
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	75150	Carbon disulfide	2.4E-01	5.5E-05
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	463581	Carbonyl sulfide	9.6E+01	2.2E-02
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	4.8E+00	1.1E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	111422	Diethanolamine	2.5E+00	5.7E-04
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	100414	Ethyl benzene	5.6E+00	1.3E-03
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	106934	Ethylene dibromide {EDB}	2.4E-01	5.5E-05
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	107062	Ethylene dichloride {EDC}	1.2E-01	2.8E-05
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	110543	Hexane	2.4E+00	5.5E-04
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	7783064	Hydrogen sulfide	2.3E-02	5.2E-06
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	67630	Isopropyl alcohol	2.5E-03	5.6E-07
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	67561	Methanol	2.8E-01	6.3E-05
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	7.3E-04	1.7E-07
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	1634044	Methyl tert-butyl ether	1.8E+00	4.2E-04
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	75092	Methylene chloride {Dichloromethane}	4.0E-04	9.2E-08
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	91203	Naphthalene	9.2E+00	2.1E-03
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	108952	Phenol	2.4E-02	5.5E-06
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	115071	Propylene	1.9E-03	4.2E-07
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	100425	Styrene	4.1E+00	9.4E-04
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	108883	Toluene	6.1E+00	1.4E-03
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	1330207	Xylenes (mixed)	2.2E+00	5.1E-04
Storage Tank	3196	Gasoline Component Tank	106990	1,3-Butadiene	7.8E-03	1.8E-06
Storage Tank	3196	Gasoline Component Tank	71432	Benzene	9.7E-03	2.2E-06
Storage Tank	3196	Gasoline Component Tank	50328	Benzo[a]pyrene	2.5E-03	5.7E-07
Storage Tank	3196	Gasoline Component Tank	75150	Carbon disulfide	3.9E-05	8.9E-09
Storage Tank	3196	Gasoline Component Tank	463581	Carbonyl sulfide	1.6E-01	3.5E-05
Storage Tank	3196	Gasoline Component Tank	1319773	Cresols (mixtures of) {Cresylic acid}	5.4E-02	1.2E-05
Storage Tank	3196	Gasoline Component Tank	111422	Diethanolamine	3.9E-05	8.9E-09
Storage Tank	3196	Gasoline Component Tank	100414	Ethyl benzene	5.3E-02	1.2E-05
Storage Tank	3196	Gasoline Component Tank	106934	Ethylene dibromide {EDB}	3.9E-05	8.9E-09
Storage Tank	3196	Gasoline Component Tank	107062	Ethylene dichloride {EDC}	1.9E-05	4.4E-09
Storage Tank	3196	Gasoline Component Tank	110543	Hexane	3.2E-03	7.2E-07
Storage Tank	3196	Gasoline Component Tank	7783064	Hydrogen sulfide	5.0E-02	1.1E-05
Storage Tank	3196	Gasoline Component Tank	67561	Methanol	5.4E-02	1.2E-05
Storage Tank	3196	Gasoline Component Tank	78933	Methyl ethyl ketone {2-Butanone}	1.9E-05	4.4E-09
Storage Tank	3196	Gasoline Component Tank	1634044	Methyl tert-butyl ether	5.9E-02	1.3E-05
Storage Tank	3196	Gasoline Component Tank	91203	Naphthalene	1.5E-02	3.5E-06
Storage Tank	3196	Gasoline Component Tank	108952	Phenol	5.8E-02	1.3E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3196	Gasoline Component Tank	115071	Propylene	9.8E-03	2.2E-06
Storage Tank	3196	Gasoline Component Tank	7782492	Selenium	7.8E-07	1.8E-10
Storage Tank	3196	Gasoline Component Tank	100425	Styrene	2.2E-02	5.0E-06
Storage Tank	3196	Gasoline Component Tank	108883	Toluene	1.6E-01	3.6E-05
Storage Tank	3196	Gasoline Component Tank	1330207	Xylenes (mixed)	2.2E-01	5.1E-05
Storage Tank	3197	Gasoline Component Tank	106990	1,3-Butadiene	1.7E+00	3.8E-04
Storage Tank	3197	Gasoline Component Tank	71432	Benzene	1.8E+01	4.0E-03
Storage Tank	3197	Gasoline Component Tank	50328	Benzo[a]pyrene	4.7E-01	1.1E-04
Storage Tank	3197	Gasoline Component Tank	75150	Carbon disulfide	2.6E-02	5.9E-06
Storage Tank	3197	Gasoline Component Tank	463581	Carbonyl sulfide	7.2E-03	1.7E-06
Storage Tank	3197	Gasoline Component Tank	1319773	Cresols (mixtures of) {Cresylic acid}	5.7E-01	1.3E-04
Storage Tank	3197	Gasoline Component Tank	111422	Diethanolamine	8.5E-01	1.9E-04
Storage Tank	3197	Gasoline Component Tank	100414	Ethyl benzene	1.7E-01	3.9E-05
Storage Tank	3197	Gasoline Component Tank	106934	Ethylene dibromide {EDB}	2.5E-02	5.8E-06
Storage Tank	3197	Gasoline Component Tank	107062	Ethylene dichloride {EDC}	1.3E-02	2.9E-06
Storage Tank	3197	Gasoline Component Tank	110543	Hexane	7.4E+01	1.7E-02
Storage Tank	3197	Gasoline Component Tank	7783064	Hydrogen sulfide	1.0E-01	2.4E-05
Storage Tank	3197	Gasoline Component Tank	67630	Isopropyl alcohol	1.4E+00	3.3E-04
Storage Tank	3197	Gasoline Component Tank	67561	Methanol	1.8E+00	4.0E-04
Storage Tank	3197	Gasoline Component Tank	78933	Methyl ethyl ketone {2-Butanone}	2.6E+00	6.0E-04
Storage Tank	3197	Gasoline Component Tank	1634044	Methyl tert-butyl ether	5.8E+00	1.3E-03
Storage Tank	3197	Gasoline Component Tank	91203	Naphthalene	2.4E-01	5.4E-05
Storage Tank	3197	Gasoline Component Tank	108952	Phenol	8.5E-03	1.9E-06
Storage Tank	3197	Gasoline Component Tank	115071	Propylene	5.2E+01	1.2E-02
Storage Tank	3197	Gasoline Component Tank	7782492	Selenium	3.4E-04	7.8E-08
Storage Tank	3197	Gasoline Component Tank	100425	Styrene	6.4E+00	1.5E-03
Storage Tank	3197	Gasoline Component Tank	108883	Toluene	6.1E-01	1.4E-04
Storage Tank	3197	Gasoline Component Tank	1330207	Xylenes (mixed)	7.6E+01	1.7E-02
Storage Tank	3198	3198 Tank: Organic Liquid Storage Tank	71432	Benzene	2.5E-01	5.6E-05
Storage Tank	3198	3198 Tank: Organic Liquid Storage Tank	100414	Ethyl benzene	8.5E-01	1.9E-04
Storage Tank	3198	3198 Tank: Organic Liquid Storage Tank	110543	Hexane	1.3E-01	3.0E-05
Storage Tank	3198	3198 Tank: Organic Liquid Storage Tank	108883	Toluene	3.4E+02	7.8E-02
Storage Tank	3198	3198 Tank: Organic Liquid Storage Tank	1330207	Xylenes (mixed)	1.1E+00	2.6E-04
Storage Tank	3201	Tank 3201: Whole Alkylate	71432	Benzene	2.1E+00	4.8E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3201	Tank 3201: Whole Alkylate	1319773	Cresols (mixtures of) {Cresylic acid}	1.7E+00	3.8E-04
Storage Tank	3201	Tank 3201: Whole Alkylate	100414	Ethyl benzene	1.4E-01	3.3E-05
Storage Tank	3201	Tank 3201: Whole Alkylate	110543	Hexane	9.0E-01	2.0E-04
Storage Tank	3201	Tank 3201: Whole Alkylate	91203	Naphthalene	1.7E+00	3.9E-04
Storage Tank	3201	Tank 3201: Whole Alkylate	108952	Phenol	7.2E-03	1.6E-06
Storage Tank	3201	Tank 3201: Whole Alkylate	100425	Styrene	5.8E-01	1.3E-04
Storage Tank	3201	Tank 3201: Whole Alkylate	108883	Toluene	1.4E-01	3.3E-05
Storage Tank	3201	Tank 3201: Whole Alkylate	1330207	Xylenes (mixed)	1.5E+00	3.4E-04
Storage Tank	3202	Tank 3202: Methanol	106990	1,3-Butadiene	2.3E-01	5.2E-05
Storage Tank	3202	Tank 3202: Methanol	71432	Benzene	2.4E+00	5.5E-04
Storage Tank	3202	Tank 3202: Methanol	50328	Benzo[a]pyrene	6.4E-02	1.5E-05
Storage Tank	3202	Tank 3202: Methanol	75150	Carbon disulfide	3.5E-03	8.0E-07
Storage Tank	3202	Tank 3202: Methanol	463581	Carbonyl sulfide	9.9E-04	2.3E-07
Storage Tank	3202	Tank 3202: Methanol	1319773	Cresols (mixtures of) {Cresylic acid}	7.9E-02	1.8E-05
Storage Tank	3202	Tank 3202: Methanol	111422	Diethanolamine	1.2E-01	2.7E-05
Storage Tank	3202	Tank 3202: Methanol	100414	Ethyl benzene	2.3E-02	5.3E-06
Storage Tank	3202	Tank 3202: Methanol	106934	Ethylene dibromide {EDB}	3.5E-03	7.9E-07
Storage Tank	3202	Tank 3202: Methanol	107062	Ethylene dichloride {EDC}	1.7E-03	4.0E-07
Storage Tank	3202	Tank 3202: Methanol	110543	Hexane	1.0E+01	2.3E-03
Storage Tank	3202	Tank 3202: Methanol	7783064	Hydrogen sulfide	1.4E-02	3.3E-06
Storage Tank	3202	Tank 3202: Methanol	67630	Isopropyl alcohol	2.0E-01	4.5E-05
Storage Tank	3202	Tank 3202: Methanol	67561	Methanol	2.4E-01	5.5E-05
Storage Tank	3202	Tank 3202: Methanol	78933	Methyl ethyl ketone {2-Butanone}	3.6E-01	8.2E-05
Storage Tank	3202	Tank 3202: Methanol	1634044	Methyl tert-butyl ether	7.9E-01	1.8E-04
Storage Tank	3202	Tank 3202: Methanol	91203	Naphthalene	3.2E-02	7.4E-06
Storage Tank	3202	Tank 3202: Methanol	108952	Phenol	1.2E-03	2.6E-07
Storage Tank	3202	Tank 3202: Methanol	115071	Propylene	7.1E+00	1.6E-03
Storage Tank	3202	Tank 3202: Methanol	7782492	Selenium	4.7E-05	1.1E-08
Storage Tank	3202	Tank 3202: Methanol	100425	Styrene	8.7E-01	2.0E-04
Storage Tank	3202	Tank 3202: Methanol	108883	Toluene	8.3E-02	1.9E-05
Storage Tank	3202	Tank 3202: Methanol	1330207	Xylenes (mixed)	1.0E+01	2.4E-03
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	106990	1,3-Butadiene	1.5E-01	3.4E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	123911	1,4-Dioxane	1.3E-05	3.0E-09
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	107028	Acrolein	3.2E-05	7.4E-09

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	71432	Benzene	2.3E-02	5.2E-06
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	50328	Benzo[a]pyrene	1.2E-01	2.7E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	75150	Carbon disulfide	7.5E-03	1.7E-06
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	463581	Carbonyl sulfide	3.0E+00	6.9E-04
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	1.5E-01	3.4E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	111422	Diethanolamine	7.8E-02	1.8E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	100414	Ethyl benzene	1.7E-01	4.0E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	106934	Ethylene dibromide {EDB}	7.5E-03	1.7E-06
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	107062	Ethylene dichloride {EDC}	3.8E-03	8.6E-07
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	110543	Hexane	7.6E-02	1.7E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	7783064	Hydrogen sulfide	7.1E-04	1.6E-07
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	67630	Isopropyl alcohol	7.7E-05	1.8E-08
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	67561	Methanol	8.6E-03	2.0E-06
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	2.3E-05	5.2E-09
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	1634044	Methyl tert-butyl ether	5.7E-02	1.3E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	75092	Methylene chloride {Dichloromethane}	1.3E-05	2.9E-09
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	91203	Naphthalene	2.9E-01	6.5E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	108952	Phenol	7.5E-04	1.7E-07
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	115071	Propylene	5.8E-05	1.3E-08
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	100425	Styrene	1.3E-01	2.9E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	108883	Toluene	1.9E-01	4.3E-05
Storage Tank	3213	Tank 3213: Organic Liquid Storage Tank	1330207	Xylenes (mixed)	6.9E-02	1.6E-05
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	106990	1,3-Butadiene	3.7E-01	8.6E-05
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	71432	Benzene	1.8E+01	4.0E-03
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	50328	Benzo[a]pyrene	2.4E-05	5.4E-09
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	75150	Carbon disulfide	4.6E-02	1.0E-05
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	463581	Carbonyl sulfide	2.4E+01	5.4E-03
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	2.1E+00	4.8E-04
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	111422	Diethanolamine	5.8E-01	1.3E-04
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	100414	Ethyl benzene	4.5E+01	1.0E-02
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	106934	Ethylene dibromide {EDB}	5.9E-02	1.4E-05
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	107062	Ethylene dichloride {EDC}	3.0E-02	6.8E-06
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	110543	Hexane	1.0E+01	2.4E-03
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	7783064	Hydrogen sulfide	3.6E-03	8.1E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	67561	Methanol	7.1E-01	1.6E-04
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	5.9E-02	1.4E-05
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	1634044	Methyl tert-butyl ether	1.3E+01	3.0E-03
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	91203	Naphthalene	4.9E+00	1.1E-03
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	108952	Phenol	5.9E-03	1.4E-06
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	115071	Propylene	6.6E-01	1.5E-04
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	100425	Styrene	7.9E-01	1.8E-04
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	108883	Toluene	2.1E+02	4.8E-02
Storage Tank	3214	Tank 3214: Organic Liquid Storage Tank	1330207	Xylenes (mixed)	2.2E+02	5.1E-02
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	106990	1,3-Butadiene	1.6E+00	3.7E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	123911	1,4-Dioxane	1.4E-04	3.3E-08
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	107028	Acrolein	3.5E-04	8.1E-08
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	71432	Benzene	2.5E-01	5.7E-05
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	50328	Benzo[a]pyrene	1.3E+00	3.0E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	75150	Carbon disulfide	8.2E-02	1.9E-05
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	463581	Carbonyl sulfide	3.3E+01	7.5E-03
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	1.6E+00	3.7E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	111422	Diethanolamine	8.5E-01	1.9E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	100414	Ethyl benzene	1.9E+00	4.3E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	106934	Ethylene dibromide {EDB}	8.2E-02	1.9E-05
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	107062	Ethylene dichloride {EDC}	4.1E-02	9.3E-06
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	110543	Hexane	8.2E-01	1.9E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	7783064	Hydrogen sulfide	7.7E-03	1.8E-06
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	67630	Isopropyl alcohol	8.4E-04	1.9E-07
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	67561	Methanol	9.4E-02	2.1E-05
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	2.5E-04	5.6E-08
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	1634044	Methyl tert-butyl ether	6.2E-01	1.4E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	75092	Methylene chloride {Dichloromethane}	1.4E-04	3.1E-08
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	91203	Naphthalene	3.1E+00	7.1E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	108952	Phenol	8.2E-03	1.9E-06
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	115071	Propylene	6.3E-04	1.4E-07
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	100425	Styrene	1.4E+00	3.2E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	108883	Toluene	2.1E+00	4.7E-04
Storage Tank	3215	Tank 3215: Organic Liquid Storage Tank	1330207	Xylenes (mixed)	7.5E-01	1.7E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3216	Tank 3216: Organic Liquid Storage Tank	71432	Benzene	5.2E-04	1.2E-07
Storage Tank	3216	Tank 3216: Organic Liquid Storage Tank	50328	Benzo[a]pyrene	8.7E+00	2.0E-03
Storage Tank	3216	Tank 3216: Organic Liquid Storage Tank	110543	Hexane	6.3E-02	1.4E-05
Storage Tank	3216	Tank 3216: Organic Liquid Storage Tank	91203	Naphthalene	1.1E-01	2.5E-05
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	106990	1,3-Butadiene	3.7E+00	8.4E-04
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	71432	Benzene	3.5E+00	8.0E-04
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	50328	Benzo[a]pyrene	1.2E+00	2.7E-04
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	75150	Carbon disulfide	1.8E-02	4.2E-06
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	463581	Carbonyl sulfide	7.4E+01	1.7E-02
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	2.6E+01	5.9E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	111422	Diethanolamine	1.8E-02	4.2E-06
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	100414	Ethyl benzene	2.0E+01	4.7E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	106934	Ethylene dibromide {EDB}	1.8E-02	4.2E-06
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	107062	Ethylene dichloride {EDC}	9.2E-03	2.1E-06
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	110543	Hexane	1.7E-01	3.9E-05
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	7783064	Hydrogen sulfide	2.4E+01	5.4E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	67561	Methanol	2.6E+01	5.9E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	9.2E-03	2.1E-06
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	1634044	Methyl tert-butyl ether	2.8E+01	6.4E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	91203	Naphthalene	7.2E+00	1.7E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	108952	Phenol	2.8E+01	6.3E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	115071	Propylene	4.7E+00	1.1E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	7782492	Selenium	3.7E-04	8.4E-08
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	100425	Styrene	1.0E+01	2.4E-03
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	108883	Toluene	7.1E+01	1.6E-02
Storage Tank	3220	Tank 400: Organic Liquid Storage Tank	1330207	Xylenes (mixed)	8.7E+01	2.0E-02
Storage Tank	3225	Organic Liquid Storage Tank	106990	1,3-Butadiene	7.4E-01	1.7E-04
Storage Tank	3225	Organic Liquid Storage Tank	71432	Benzene	7.0E-01	1.6E-04
Storage Tank	3225	Organic Liquid Storage Tank	50328	Benzo[a]pyrene	2.4E-01	5.4E-05
Storage Tank	3225	Organic Liquid Storage Tank	75150	Carbon disulfide	3.7E-03	8.4E-07
Storage Tank	3225	Organic Liquid Storage Tank	463581	Carbonyl sulfide	1.5E+01	3.4E-03
Storage Tank	3225	Organic Liquid Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	5.2E+00	1.2E-03
Storage Tank	3225	Organic Liquid Storage Tank	111422	Diethanolamine	3.7E-03	8.4E-07
Storage Tank	3225	Organic Liquid Storage Tank	100414	Ethyl benzene	4.1E+00	9.3E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3225	Organic Liquid Storage Tank	106934	Ethylene dibromide {EDB}	3.7E-03	8.4E-07
Storage Tank	3225	Organic Liquid Storage Tank	107062	Ethylene dichloride {EDC}	1.8E-03	4.2E-07
Storage Tank	3225	Organic Liquid Storage Tank	110543	Hexane	3.5E-02	7.9E-06
Storage Tank	3225	Organic Liquid Storage Tank	7783064	Hydrogen sulfide	4.7E+00	1.1E-03
Storage Tank	3225	Organic Liquid Storage Tank	67561	Methanol	5.2E+00	1.2E-03
Storage Tank	3225	Organic Liquid Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	1.8E-03	4.2E-07
Storage Tank	3225	Organic Liquid Storage Tank	1634044	Methyl tert-butyl ether	5.6E+00	1.3E-03
Storage Tank	3225	Organic Liquid Storage Tank	91203	Naphthalene	1.5E+00	3.3E-04
Storage Tank	3225	Organic Liquid Storage Tank	108952	Phenol	5.6E+00	1.3E-03
Storage Tank	3225	Organic Liquid Storage Tank	115071	Propylene	9.3E-01	2.1E-04
Storage Tank	3225	Organic Liquid Storage Tank	7782492	Selenium	7.4E-05	1.7E-08
Storage Tank	3225	Organic Liquid Storage Tank	100425	Styrene	2.1E+00	4.7E-04
Storage Tank	3225	Organic Liquid Storage Tank	108883	Toluene	1.4E+01	3.3E-03
Storage Tank	3225	Organic Liquid Storage Tank	1330207	Xylenes (mixed)	1.8E+01	4.0E-03
Storage Tank	3226	Sulfur storage Tank (fixed roof)	75150	Carbon disulfide	2.9E+02	6.6E-02
Storage Tank	3226	Sulfur storage Tank (fixed roof)	7783064	Hydrogen sulfide	4.4E+02	1.0E-01
Storage Tank	3228	Caustic Storage Tank	106990	1,3-Butadiene	1.6E-01	3.6E-05
Storage Tank	3228	Caustic Storage Tank	71432	Benzene	7.3E+00	1.7E-03
Storage Tank	3228	Caustic Storage Tank	50328	Benzo[a]pyrene	9.8E-06	2.2E-09
Storage Tank	3228	Caustic Storage Tank	75150	Carbon disulfide	1.9E-02	4.3E-06
Storage Tank	3228	Caustic Storage Tank	463581	Carbonyl sulfide	9.8E+00	2.2E-03
Storage Tank	3228	Caustic Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	8.8E-01	2.0E-04
Storage Tank	3228	Caustic Storage Tank	111422	Diethanolamine	2.4E-01	5.5E-05
Storage Tank	3228	Caustic Storage Tank	100414	Ethyl benzene	1.9E+01	4.3E-03
Storage Tank	3228	Caustic Storage Tank	106934	Ethylene dibromide {EDB}	2.5E-02	5.6E-06
Storage Tank	3228	Caustic Storage Tank	107062	Ethylene dichloride {EDC}	1.2E-02	2.8E-06
Storage Tank	3228	Caustic Storage Tank	110543	Hexane	4.3E+00	9.8E-04
Storage Tank	3228	Caustic Storage Tank	7783064	Hydrogen sulfide	1.5E-03	3.4E-07
Storage Tank	3228	Caustic Storage Tank	67561	Methanol	2.9E-01	6.7E-05
Storage Tank	3228	Caustic Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	2.5E-02	5.6E-06
Storage Tank	3228	Caustic Storage Tank	1634044	Methyl tert-butyl ether	5.5E+00	1.2E-03
Storage Tank	3228	Caustic Storage Tank	91203	Naphthalene	2.0E+00	4.6E-04
Storage Tank	3228	Caustic Storage Tank	108952	Phenol	2.5E-03	5.6E-07
Storage Tank	3228	Caustic Storage Tank	115071	Propylene	2.7E-01	6.3E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	3228	Caustic Storage Tank	100425	Styrene	3.3E-01	7.5E-05
Storage Tank	3228	Caustic Storage Tank	108883	Toluene	8.8E+01	2.0E-02
Storage Tank	3228	Caustic Storage Tank	1330207	Xylenes (mixed)	9.2E+01	2.1E-02
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	106990	1,3-Butadiene	5.0E-01	1.1E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	71432	Benzene	4.8E-01	1.1E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	50328	Benzo[a]pyrene	1.6E-01	3.7E-05
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	75150	Carbon disulfide	2.5E-03	5.7E-07
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	463581	Carbonyl sulfide	1.0E+01	2.3E-03
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	1319773	Cresols (mixtures of) {Cresylic acid}	3.5E+00	8.0E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	111422	Diethanolamine	2.5E-03	5.7E-07
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	100414	Ethyl benzene	2.8E+00	6.3E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	106934	Ethylene dibromide {EDB}	2.5E-03	5.7E-07
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	107062	Ethylene dichloride {EDC}	1.2E-03	2.8E-07
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	110543	Hexane	2.3E-02	5.3E-06
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	7783064	Hydrogen sulfide	3.2E+00	7.3E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	67561	Methanol	3.5E+00	8.0E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	78933	Methyl ethyl ketone {2-Butanone}	1.2E-03	2.8E-07
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	1634044	Methyl tert-butyl ether	3.8E+00	8.7E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	91203	Naphthalene	9.8E-01	2.2E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	108952	Phenol	3.8E+00	8.6E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	115071	Propylene	6.3E-01	1.4E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	7782492	Selenium	5.0E-05	1.1E-08
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	100425	Styrene	1.4E+00	3.2E-04
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	108883	Toluene	9.7E+00	2.2E-03
Storage Tank	3229	Tank 3229 - Recovered Oil Storage Tank, Ext. Float w/dome	1330207	Xylenes (mixed)	1.2E+01	2.7E-03
Storage Tank	3232	Tank 3232 - Propylene Tetramer Storage Tank	71432	Benzene	2.9E-06	6.7E-10
Storage Tank	3232	Tank 3232 - Propylene Tetramer Storage Tank	50328	Benzo[a]pyrene	1.2E-03	2.8E-07
Storage Tank	3232	Tank 3232 - Propylene Tetramer Storage Tank	110543	Hexane	5.0E-02	1.1E-05
Storage Tank	3232	Tank 3232 - Propylene Tetramer Storage Tank	91203	Naphthalene	2.3E-05	5.3E-09
Generator	3235	Emergency Standby Diesel Pump Engine	9901	Diesel particulate matter (Diesel PM)	5.5E-02	1.2E-05
Boiler Heater	4038	#4 RHENIFORMER, F-3550	75070	Acetaldehyde	2.6E+01	5.9E-03
Boiler Heater	4038	#4 RHENIFORMER, F-3550	107028	Acrolein	8.8E+00	2.0E-03
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7664417	Ammonia	7.1E+01	1.6E-02
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7440382	Arsenic	4.2E-01	9.5E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4038	#4 RHENIFORMER, F-3550	71432	Benzene	2.4E+01	5.4E-03
Boiler Heater	4038	#4 RHENIFORMER, F-3550	50328	Benzo[a]pyrene	3.2E-02	7.3E-06
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7440417	Beryllium	7.3E-03	1.7E-06
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7440439	Cadmium	3.0E-01	6.8E-05
Boiler Heater	4038	#4 RHENIFORMER, F-3550	75150	Carbon disulfide	6.6E-01	1.5E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	18540299	Chromium, hexavalent (& compounds)	6.2E-02	1.4E-05
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7440508	Copper	2.8E+00	6.5E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	57125	Cyanide compounds (inorganic)	1.3E+00	3.0E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	100414	Ethyl benzene	8.8E+00	2.0E-03
Boiler Heater	4038	#4 RHENIFORMER, F-3550	50000	Formaldehyde	4.9E+01	1.1E-02
Boiler Heater	4038	#4 RHENIFORMER, F-3550	110543	Hexane	9.4E+02	2.1E-01
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7647010	Hydrochloric acid	4.1E+02	9.3E-02
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7783064	Hydrogen sulfide	4.0E+01	9.2E-03
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7439921	Lead	1.2E+00	2.8E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7439965	Manganese	2.3E+00	5.3E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7439976	Mercury	1.2E-01	2.7E-05
Boiler Heater	4038	#4 RHENIFORMER, F-3550	91203	Naphthalene	2.4E-01	5.4E-05
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7440020	Nickel	2.5E+00	5.6E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	108952	Phenol	2.3E+00	5.3E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	115071	Propylene	1.0E+00	2.3E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7782492	Selenium	2.5E+00	5.6E-04
Boiler Heater	4038	#4 RHENIFORMER, F-3550	7664939	Sulfuric acid	9.2E+01	2.1E-02
Boiler Heater	4038	#4 RHENIFORMER, F-3550	108883	Toluene	4.2E+01	9.5E-03
Boiler Heater	4038	#4 RHENIFORMER, F-3550	1330207	Xylenes (mixed)	2.1E+01	4.7E-03
Boiler Heater	4039	#4 RHENIFORMER, F-3560	75070	Acetaldehyde	2.7E+01	6.2E-03
Boiler Heater	4039	#4 RHENIFORMER, F-3560	107028	Acrolein	9.3E+00	2.1E-03
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7664417	Ammonia	7.5E+01	1.7E-02
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7440382	Arsenic	4.4E-01	1.0E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	71432	Benzene	2.5E+01	5.7E-03
Boiler Heater	4039	#4 RHENIFORMER, F-3560	50328	Benzo[a]pyrene	3.4E-02	7.7E-06
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7440417	Beryllium	7.7E-03	1.8E-06
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7440439	Cadmium	3.1E-01	7.2E-05
Boiler Heater	4039	#4 RHENIFORMER, F-3560	75150	Carbon disulfide	7.0E-01	1.6E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	18540299	Chromium, hexavalent (& compounds)	6.5E-02	1.5E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7440508	Copper	3.0E+00	6.8E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	57125	Cyanide compounds (inorganic)	1.4E+00	3.2E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	100414	Ethyl benzene	9.3E+00	2.1E-03
Boiler Heater	4039	#4 RHENIFORMER, F-3560	50000	Formaldehyde	5.2E+01	1.2E-02
Boiler Heater	4039	#4 RHENIFORMER, F-3560	110543	Hexane	9.9E+02	2.3E-01
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7647010	Hydrochloric acid	4.3E+02	9.7E-02
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7783064	Hydrogen sulfide	4.2E+01	9.6E-03
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7439921	Lead	1.3E+00	3.0E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7439965	Manganese	2.4E+00	5.5E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7439976	Mercury	1.3E-01	2.9E-05
Boiler Heater	4039	#4 RHENIFORMER, F-3560	91203	Naphthalene	2.5E-01	5.7E-05
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7440020	Nickel	2.6E+00	5.9E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	108952	Phenol	2.4E+00	5.5E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	115071	Propylene	1.1E+00	2.5E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7782492	Selenium	2.6E+00	5.9E-04
Boiler Heater	4039	#4 RHENIFORMER, F-3560	7664939	Sulfuric acid	9.7E+01	2.2E-02
Boiler Heater	4039	#4 RHENIFORMER, F-3560	108883	Toluene	4.4E+01	1.0E-02
Boiler Heater	4039	#4 RHENIFORMER, F-3560	1330207	Xylenes (mixed)	2.2E+01	5.0E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	75070	Acetaldehyde	1.4E+01	3.2E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	107028	Acrolein	4.8E+00	1.1E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7664417	Ammonia	3.8E+01	8.7E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7440382	Arsenic	2.3E-01	5.2E-05
Boiler Heater	4040	#4 RHENIFORMER, F-3570	71432	Benzene	1.3E+01	2.9E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	50328	Benzo[a]pyrene	1.7E-02	4.0E-06
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7440417	Beryllium	3.9E-03	9.0E-07
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7440439	Cadmium	1.6E-01	3.7E-05
Boiler Heater	4040	#4 RHENIFORMER, F-3570	75150	Carbon disulfide	4.0E-01	9.1E-05
Boiler Heater	4040	#4 RHENIFORMER, F-3570	18540299	Chromium, hexavalent (& compounds)	3.3E-02	7.6E-06
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7440508	Copper	1.5E+00	3.5E-04
Boiler Heater	4040	#4 RHENIFORMER, F-3570	57125	Cyanide compounds (inorganic)	7.2E-01	1.6E-04
Boiler Heater	4040	#4 RHENIFORMER, F-3570	100414	Ethyl benzene	4.8E+00	1.1E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	50000	Formaldehyde	2.7E+01	6.1E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	110543	Hexane	5.1E+02	1.2E-01
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7647010	Hydrochloric acid	2.2E+02	5.0E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7783064	Hydrogen sulfide	2.2E+01	5.0E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7439921	Lead	6.6E-01	1.5E-04
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7439965	Manganese	1.3E+00	2.8E-04
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7439976	Mercury	6.5E-02	1.5E-05
Boiler Heater	4040	#4 RHENIFORMER, F-3570	91203	Naphthalene	1.3E-01	2.9E-05
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7440020	Nickel	1.3E+00	3.0E-04
Boiler Heater	4040	#4 RHENIFORMER, F-3570	108952	Phenol	1.3E+00	2.8E-04
Boiler Heater	4040	#4 RHENIFORMER, F-3570	115071	Propylene	5.5E-01	1.3E-04
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7782492	Selenium	1.3E+00	3.0E-04
Boiler Heater	4040	#4 RHENIFORMER, F-3570	7664939	Sulfuric acid	5.0E+01	1.1E-02
Boiler Heater	4040	#4 RHENIFORMER, F-3570	108883	Toluene	2.3E+01	5.2E-03
Boiler Heater	4040	#4 RHENIFORMER, F-3570	1330207	Xylenes (mixed)	1.1E+01	2.6E-03
Boiler Heater	4041	F3580, #4 RHENIFORMER	75070	Acetaldehyde	5.2E+00	1.2E-03
Boiler Heater	4041	F3580, #4 RHENIFORMER	107028	Acrolein	1.8E+00	4.1E-04
Boiler Heater	4041	F3580, #4 RHENIFORMER	7664417	Ammonia	1.4E+01	3.3E-03
Boiler Heater	4041	F3580, #4 RHENIFORMER	7440382	Arsenic	8.4E-02	1.9E-05
Boiler Heater	4041	F3580, #4 RHENIFORMER	71432	Benzene	4.8E+00	1.1E-03
Boiler Heater	4041	F3580, #4 RHENIFORMER	50328	Benzo[a]pyrene	6.5E-03	1.5E-06
Boiler Heater	4041	F3580, #4 RHENIFORMER	7440417	Beryllium	1.5E-03	3.4E-07
Boiler Heater	4041	F3580, #4 RHENIFORMER	7440439	Cadmium	6.0E-02	1.4E-05
Boiler Heater	4041	F3580, #4 RHENIFORMER	75150	Carbon disulfide	1.5E-01	3.4E-05
Boiler Heater	4041	F3580, #4 RHENIFORMER	18540299	Chromium, hexavalent (& compounds)	1.2E-02	2.8E-06
Boiler Heater	4041	F3580, #4 RHENIFORMER	7440508	Copper	5.7E-01	1.3E-04
Boiler Heater	4041	F3580, #4 RHENIFORMER	57125	Cyanide compounds (inorganic)	2.7E-01	6.1E-05
Boiler Heater	4041	F3580, #4 RHENIFORMER	100414	Ethyl benzene	1.8E+00	4.1E-04
Boiler Heater	4041	F3580, #4 RHENIFORMER	50000	Formaldehyde	1.0E+01	2.3E-03
Boiler Heater	4041	F3580, #4 RHENIFORMER	110543	Hexane	1.9E+02	4.3E-02
Boiler Heater	4041	F3580, #4 RHENIFORMER	7647010	Hydrochloric acid	8.2E+01	1.9E-02
Boiler Heater	4041	F3580, #4 RHENIFORMER	7783064	Hydrogen sulfide	8.1E+00	1.9E-03
Boiler Heater	4041	F3580, #4 RHENIFORMER	7439921	Lead	2.5E-01	5.7E-05
Boiler Heater	4041	F3580, #4 RHENIFORMER	7439965	Manganese	4.7E-01	1.1E-04
Boiler Heater	4041	F3580, #4 RHENIFORMER	7439976	Mercury	2.4E-02	5.5E-06
Boiler Heater	4041	F3580, #4 RHENIFORMER	91203	Naphthalene	4.8E-02	1.1E-05
Boiler Heater	4041	F3580, #4 RHENIFORMER	7440020	Nickel	5.0E-01	1.1E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4041	F3580, #4 RHENIFORMER	108952	Phenol	4.7E-01	1.1E-04
Boiler Heater	4041	F3580, #4 RHENIFORMER	115071	Propylene	2.1E-01	4.7E-05
Boiler Heater	4041	F3580, #4 RHENIFORMER	7782492	Selenium	5.0E-01	1.1E-04
Boiler Heater	4041	F3580, #4 RHENIFORMER	7664939	Sulfuric acid	1.9E+01	4.2E-03
Boiler Heater	4041	F3580, #4 RHENIFORMER	108883	Toluene	8.4E+00	1.9E-03
Boiler Heater	4041	F3580, #4 RHENIFORMER	1330207	Xylenes (mixed)	4.2E+00	9.5E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	75070	Acetaldehyde	2.4E+01	5.4E-03
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	107028	Acrolein	8.1E+00	1.9E-03
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7664417	Ammonia	6.5E+01	1.5E-02
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7440382	Arsenic	3.8E-01	8.7E-05
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	71432	Benzene	2.2E+01	5.0E-03
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	50328	Benzo[a]pyrene	2.9E-02	6.7E-06
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7440417	Beryllium	6.7E-03	1.5E-06
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7440439	Cadmium	2.7E-01	6.2E-05
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	75150	Carbon disulfide	6.3E-01	1.5E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	18540299	Chromium, hexavalent (& compounds)	5.7E-02	1.3E-05
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7440508	Copper	2.6E+00	6.0E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	57125	Cyanide compounds (inorganic)	1.2E+00	2.8E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	100414	Ethyl benzene	8.1E+00	1.9E-03
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	50000	Formaldehyde	4.5E+01	1.0E-02
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	110543	Hexane	8.6E+02	2.0E-01
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7647010	Hydrochloric acid	3.7E+02	8.5E-02
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7783064	Hydrogen sulfide	3.7E+01	8.4E-03
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7439921	Lead	1.1E+00	2.6E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7439965	Manganese	2.1E+00	4.8E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7439976	Mercury	1.1E-01	2.5E-05
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	91203	Naphthalene	2.2E-01	5.0E-05
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7440020	Nickel	2.3E+00	5.2E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	108952	Phenol	2.1E+00	4.8E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	115071	Propylene	9.4E-01	2.1E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7782492	Selenium	2.3E+00	5.2E-04
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	7664939	Sulfuric acid	8.4E+01	1.9E-02
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	108883	Toluene	3.8E+01	8.7E-03
Boiler Heater	4042	#5 RHENIFORMER F550 w/36 Ultra Low NOx Burners	1330207	Xylenes (mixed)	1.9E+01	4.3E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4043	F560, #5 RHENIFORMER	75070	Acetaldehyde	2.1E+01	4.8E-03
Boiler Heater	4043	F560, #5 RHENIFORMER	107028	Acrolein	7.3E+00	1.7E-03
Boiler Heater	4043	F560, #5 RHENIFORMER	7664417	Ammonia	5.8E+01	1.3E-02
Boiler Heater	4043	F560, #5 RHENIFORMER	7440382	Arsenic	3.4E-01	7.9E-05
Boiler Heater	4043	F560, #5 RHENIFORMER	71432	Benzene	2.0E+01	4.5E-03
Boiler Heater	4043	F560, #5 RHENIFORMER	50328	Benzo[a]pyrene	2.6E-02	6.0E-06
Boiler Heater	4043	F560, #5 RHENIFORMER	7440417	Beryllium	6.0E-03	1.4E-06
Boiler Heater	4043	F560, #5 RHENIFORMER	7440439	Cadmium	2.4E-01	5.6E-05
Boiler Heater	4043	F560, #5 RHENIFORMER	75150	Carbon disulfide	5.7E-01	1.3E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	18540299	Chromium, hexavalent (& compounds)	5.1E-02	1.2E-05
Boiler Heater	4043	F560, #5 RHENIFORMER	7440508	Copper	2.3E+00	5.3E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	57125	Cyanide compounds (inorganic)	1.1E+00	2.5E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	100414	Ethyl benzene	7.3E+00	1.7E-03
Boiler Heater	4043	F560, #5 RHENIFORMER	50000	Formaldehyde	4.1E+01	9.3E-03
Boiler Heater	4043	F560, #5 RHENIFORMER	110543	Hexane	7.7E+02	1.8E-01
Boiler Heater	4043	F560, #5 RHENIFORMER	7647010	Hydrochloric acid	3.3E+02	7.6E-02
Boiler Heater	4043	F560, #5 RHENIFORMER	7783064	Hydrogen sulfide	3.3E+01	7.5E-03
Boiler Heater	4043	F560, #5 RHENIFORMER	7439921	Lead	1.0E+00	2.3E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	7439965	Manganese	1.9E+00	4.3E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	7439976	Mercury	9.9E-02	2.3E-05
Boiler Heater	4043	F560, #5 RHENIFORMER	91203	Naphthalene	1.9E-01	4.4E-05
Boiler Heater	4043	F560, #5 RHENIFORMER	7440020	Nickel	2.0E+00	4.6E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	108952	Phenol	1.9E+00	4.3E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	115071	Propylene	8.4E-01	1.9E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	7782492	Selenium	2.0E+00	4.6E-04
Boiler Heater	4043	F560, #5 RHENIFORMER	7664939	Sulfuric acid	7.5E+01	1.7E-02
Boiler Heater	4043	F560, #5 RHENIFORMER	108883	Toluene	3.4E+01	7.9E-03
Boiler Heater	4043	F560, #5 RHENIFORMER	1330207	Xylenes (mixed)	1.7E+01	3.9E-03
Boiler Heater	4044	#5 RHENIF F570	75070	Acetaldehyde	1.7E+01	3.9E-03
Boiler Heater	4044	#5 RHENIF F570	107028	Acrolein	5.9E+00	1.3E-03
Boiler Heater	4044	#5 RHENIF F570	7664417	Ammonia	4.7E+01	1.1E-02
Boiler Heater	4044	#5 RHENIF F570	7440382	Arsenic	2.8E-01	6.4E-05
Boiler Heater	4044	#5 RHENIF F570	71432	Benzene	1.6E+01	3.6E-03
Boiler Heater	4044	#5 RHENIF F570	50328	Benzo[a]pyrene	2.1E-02	4.9E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4044	#5 RHENIF F570	7440417	Beryllium	4.8E-03	1.1E-06
Boiler Heater	4044	#5 RHENIF F570	7440439	Cadmium	2.0E-01	4.5E-05
Boiler Heater	4044	#5 RHENIF F570	75150	Carbon disulfide	4.1E-01	9.5E-05
Boiler Heater	4044	#5 RHENIF F570	18540299	Chromium, hexavalent (& compounds)	4.1E-02	9.4E-06
Boiler Heater	4044	#5 RHENIF F570	7440508	Copper	1.9E+00	4.3E-04
Boiler Heater	4044	#5 RHENIF F570	57125	Cyanide compounds (inorganic)	8.8E-01	2.0E-04
Boiler Heater	4044	#5 RHENIF F570	100414	Ethyl benzene	5.9E+00	1.3E-03
Boiler Heater	4044	#5 RHENIF F570	50000	Formaldehyde	3.3E+01	7.5E-03
Boiler Heater	4044	#5 RHENIF F570	110543	Hexane	6.2E+02	1.4E-01
Boiler Heater	4044	#5 RHENIF F570	7647010	Hydrochloric acid	2.7E+02	6.2E-02
Boiler Heater	4044	#5 RHENIF F570	7783064	Hydrogen sulfide	2.7E+01	6.1E-03
Boiler Heater	4044	#5 RHENIF F570	7439921	Lead	8.2E-01	1.9E-04
Boiler Heater	4044	#5 RHENIF F570	7439965	Manganese	1.5E+00	3.5E-04
Boiler Heater	4044	#5 RHENIF F570	7439976	Mercury	8.0E-02	1.8E-05
Boiler Heater	4044	#5 RHENIF F570	91203	Naphthalene	1.6E-01	3.6E-05
Boiler Heater	4044	#5 RHENIF F570	7440020	Nickel	1.6E+00	3.8E-04
Boiler Heater	4044	#5 RHENIF F570	108952	Phenol	1.5E+00	3.5E-04
Boiler Heater	4044	#5 RHENIF F570	115071	Propylene	6.8E-01	1.6E-04
Boiler Heater	4044	#5 RHENIF F570	7782492	Selenium	1.6E+00	3.8E-04
Boiler Heater	4044	#5 RHENIF F570	7664939	Sulfuric acid	6.1E+01	1.4E-02
Boiler Heater	4044	#5 RHENIF F570	108883	Toluene	2.8E+01	6.4E-03
Boiler Heater	4044	#5 RHENIF F570	1330207	Xylenes (mixed)	1.4E+01	3.2E-03
Boiler Heater	4045	#5 RHENIF F580	75070	Acetaldehyde	5.0E+00	1.1E-03
Boiler Heater	4045	#5 RHENIF F580	107028	Acrolein	1.7E+00	3.9E-04
Boiler Heater	4045	#5 RHENIF F580	7664417	Ammonia	1.4E+01	3.1E-03
Boiler Heater	4045	#5 RHENIF F580	7440382	Arsenic	8.1E-02	1.9E-05
Boiler Heater	4045	#5 RHENIF F580	71432	Benzene	4.6E+00	1.1E-03
Boiler Heater	4045	#5 RHENIF F580	50328	Benzo[a]pyrene	6.2E-03	1.4E-06
Boiler Heater	4045	#5 RHENIF F580	7440417	Beryllium	1.4E-03	3.2E-07
Boiler Heater	4045	#5 RHENIF F580	7440439	Cadmium	5.8E-02	1.3E-05
Boiler Heater	4045	#5 RHENIF F580	75150	Carbon disulfide	1.2E-01	2.7E-05
Boiler Heater	4045	#5 RHENIF F580	18540299	Chromium, hexavalent (& compounds)	1.2E-02	2.7E-06
Boiler Heater	4045	#5 RHENIF F580	7440508	Copper	5.5E-01	1.3E-04
Boiler Heater	4045	#5 RHENIF F580	57125	Cyanide compounds (inorganic)	2.6E-01	5.9E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4045	#5 RHENIF F580	100414	Ethyl benzene	1.7E+00	3.9E-04
Boiler Heater	4045	#5 RHENIF F580	50000	Formaldehyde	9.6E+00	2.2E-03
Boiler Heater	4045	#5 RHENIF F580	110543	Hexane	1.8E+02	4.1E-02
Boiler Heater	4045	#5 RHENIF F580	7647010	Hydrochloric acid	7.9E+01	1.8E-02
Boiler Heater	4045	#5 RHENIF F580	7783064	Hydrogen sulfide	7.8E+00	1.8E-03
Boiler Heater	4045	#5 RHENIF F580	7439921	Lead	2.4E-01	5.4E-05
Boiler Heater	4045	#5 RHENIF F580	7439965	Manganese	4.5E-01	1.0E-04
Boiler Heater	4045	#5 RHENIF F580	7439976	Mercury	2.3E-02	5.3E-06
Boiler Heater	4045	#5 RHENIF F580	91203	Naphthalene	4.6E-02	1.1E-05
Boiler Heater	4045	#5 RHENIF F580	7440020	Nickel	4.8E-01	1.1E-04
Boiler Heater	4045	#5 RHENIF F580	108952	Phenol	4.5E-01	1.0E-04
Boiler Heater	4045	#5 RHENIF F580	115071	Propylene	2.0E-01	4.5E-05
Boiler Heater	4045	#5 RHENIF F580	7782492	Selenium	4.8E-01	1.1E-04
Boiler Heater	4045	#5 RHENIF F580	7664939	Sulfuric acid	1.8E+01	4.1E-03
Boiler Heater	4045	#5 RHENIF F580	108883	Toluene	8.1E+00	1.9E-03
Boiler Heater	4045	#5 RHENIF F580	1330207	Xylenes (mixed)	4.0E+00	9.2E-04
Boiler Heater	4059	#1 JHT Furnace #247	75070	Acetaldehyde	1.8E+01	4.0E-03
Boiler Heater	4059	#1 JHT Furnace #247	107028	Acrolein	6.1E+00	1.4E-03
Boiler Heater	4059	#1 JHT Furnace #247	7664417	Ammonia	4.8E+01	1.1E-02
Boiler Heater	4059	#1 JHT Furnace #247	7440382	Arsenic	2.9E-01	6.5E-05
Boiler Heater	4059	#1 JHT Furnace #247	71432	Benzene	1.6E+01	3.7E-03
Boiler Heater	4059	#1 JHT Furnace #247	50328	Benzo[a]pyrene	2.2E-02	5.0E-06
Boiler Heater	4059	#1 JHT Furnace #247	7440417	Beryllium	5.0E-03	1.1E-06
Boiler Heater	4059	#1 JHT Furnace #247	7440439	Cadmium	2.0E-01	4.6E-05
Boiler Heater	4059	#1 JHT Furnace #247	75150	Carbon disulfide	4.2E-01	9.6E-05
Boiler Heater	4059	#1 JHT Furnace #247	18540299	Chromium, hexavalent (& compounds)	2.6E-02	5.9E-06
Boiler Heater	4059	#1 JHT Furnace #247	7440508	Copper	2.0E+00	4.5E-04
Boiler Heater	4059	#1 JHT Furnace #247	57125	Cyanide compounds (inorganic)	9.1E-01	2.1E-04
Boiler Heater	4059	#1 JHT Furnace #247	100414	Ethyl benzene	6.0E+00	1.4E-03
Boiler Heater	4059	#1 JHT Furnace #247	50000	Formaldehyde	3.4E+01	7.7E-03
Boiler Heater	4059	#1 JHT Furnace #247	110543	Hexane	6.4E+02	1.5E-01
Boiler Heater	4059	#1 JHT Furnace #247	7647010	Hydrochloric acid	2.8E+02	6.3E-02
Boiler Heater	4059	#1 JHT Furnace #247	7783064	Hydrogen sulfide	2.8E+01	6.3E-03
Boiler Heater	4059	#1 JHT Furnace #247	7439921	Lead	8.4E-01	1.9E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4059	#1 JHT Furnace #247	7439965	Manganese	1.6E+00	3.6E-04
Boiler Heater	4059	#1 JHT Furnace #247	7439976	Mercury	8.2E-02	1.9E-05
Boiler Heater	4059	#1 JHT Furnace #247	91203	Naphthalene	1.6E-01	3.7E-05
Boiler Heater	4059	#1 JHT Furnace #247	7440020	Nickel	1.7E+00	3.9E-04
Boiler Heater	4059	#1 JHT Furnace #247	108952	Phenol	1.6E+00	3.6E-04
Boiler Heater	4059	#1 JHT Furnace #247	115071	Propylene	7.0E-01	1.6E-04
Boiler Heater	4059	#1 JHT Furnace #247	7782492	Selenium	1.7E+00	3.9E-04
Boiler Heater	4059	#1 JHT Furnace #247	7664939	Sulfuric acid	6.3E+01	1.4E-02
Boiler Heater	4059	#1 JHT Furnace #247	108883	Toluene	2.9E+01	6.5E-03
Boiler Heater	4059	#1 JHT Furnace #247	1330207	Xylenes (mixed)	1.4E+01	3.2E-03
Boiler Heater	4060	#1 JHT Furnace #210A&B	75070	Acetaldehyde	1.8E+01	4.2E-03
Boiler Heater	4060	#1 JHT Furnace #210A&B	107028	Acrolein	6.2E+00	1.4E-03
Boiler Heater	4060	#1 JHT Furnace #210A&B	7664417	Ammonia	5.0E+01	1.1E-02
Boiler Heater	4060	#1 JHT Furnace #210A&B	7440382	Arsenic	2.9E-01	6.7E-05
Boiler Heater	4060	#1 JHT Furnace #210A&B	71432	Benzene	1.7E+01	3.8E-03
Boiler Heater	4060	#1 JHT Furnace #210A&B	50328	Benzo[a]pyrene	2.3E-02	5.1E-06
Boiler Heater	4060	#1 JHT Furnace #210A&B	7440417	Beryllium	5.1E-03	1.2E-06
Boiler Heater	4060	#1 JHT Furnace #210A&B	7440439	Cadmium	2.1E-01	4.8E-05
Boiler Heater	4060	#1 JHT Furnace #210A&B	75150	Carbon disulfide	4.4E-01	1.0E-04
Boiler Heater	4060	#1 JHT Furnace #210A&B	18540299	Chromium, hexavalent (& compounds)	3.5E-02	8.0E-06
Boiler Heater	4060	#1 JHT Furnace #210A&B	7440508	Copper	2.0E+00	4.6E-04
Boiler Heater	4060	#1 JHT Furnace #210A&B	57125	Cyanide compounds (inorganic)	9.3E-01	2.1E-04
Boiler Heater	4060	#1 JHT Furnace #210A&B	100414	Ethyl benzene	6.2E+00	1.4E-03
Boiler Heater	4060	#1 JHT Furnace #210A&B	50000	Formaldehyde	3.5E+01	8.0E-03
Boiler Heater	4060	#1 JHT Furnace #210A&B	110543	Hexane	6.6E+02	1.5E-01
Boiler Heater	4060	#1 JHT Furnace #210A&B	7647010	Hydrochloric acid	2.9E+02	6.5E-02
Boiler Heater	4060	#1 JHT Furnace #210A&B	7783064	Hydrogen sulfide	2.8E+01	6.5E-03
Boiler Heater	4060	#1 JHT Furnace #210A&B	7439921	Lead	8.7E-01	2.0E-04
Boiler Heater	4060	#1 JHT Furnace #210A&B	7439965	Manganese	1.6E+00	3.7E-04
Boiler Heater	4060	#1 JHT Furnace #210A&B	7439976	Mercury	8.5E-02	1.9E-05
Boiler Heater	4060	#1 JHT Furnace #210A&B	91203	Naphthalene	1.7E-01	3.8E-05
Boiler Heater	4060	#1 JHT Furnace #210A&B	7440020	Nickel	1.7E+00	4.0E-04
Boiler Heater	4060	#1 JHT Furnace #210A&B	108952	Phenol	1.6E+00	3.7E-04
Boiler Heater	4060	#1 JHT Furnace #210A&B	115071	Propylene	7.2E-01	1.6E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4060	#1 JHT Furnace #210A&B	7782492	Selenium	1.7E+00	4.0E-04
Boiler Heater	4060	#1 JHT Furnace #210A&B	7664939	Sulfuric acid	6.5E+01	1.5E-02
Boiler Heater	4060	#1 JHT Furnace #210A&B	108883	Toluene	2.9E+01	6.7E-03
Boiler Heater	4060	#1 JHT Furnace #210A&B	1330207	Xylenes (mixed)	1.5E+01	3.3E-03
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	75070	Acetaldehyde	3.2E+01	7.4E-03
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	107028	Acrolein	1.1E+01	2.5E-03
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7664417	Ammonia	8.9E+01	2.0E-02
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7440382	Arsenic	5.3E-01	1.2E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	71432	Benzene	3.0E+01	6.8E-03
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	50328	Benzo[a]pyrene	4.0E-02	9.2E-06
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7440417	Beryllium	9.1E-03	2.1E-06
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7440439	Cadmium	3.7E-01	8.5E-05
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	75150	Carbon disulfide	8.1E-01	1.8E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	18540299	Chromium, hexavalent (& compounds)	7.8E-02	1.8E-05
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7440508	Copper	3.6E+00	8.2E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	57125	Cyanide compounds (inorganic)	1.7E+00	3.8E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	100414	Ethyl benzene	1.1E+01	2.5E-03
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	50000	Formaldehyde	6.2E+01	1.4E-02
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	110543	Hexane	1.2E+03	2.7E-01
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7647010	Hydrochloric acid	5.1E+02	1.2E-01
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7783064	Hydrogen sulfide	5.0E+01	1.2E-02
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7439921	Lead	1.5E+00	3.5E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7439965	Manganese	2.9E+00	6.6E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7439976	Mercury	1.5E-01	3.5E-05
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	91203	Naphthalene	3.0E-01	6.8E-05
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7440020	Nickel	3.1E+00	7.1E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	108952	Phenol	2.9E+00	6.6E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	115071	Propylene	1.3E+00	2.9E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7782492	Selenium	3.1E+00	7.1E-04
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	7664939	Sulfuric acid	1.2E+02	2.6E-02
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	108883	Toluene	5.3E+01	1.2E-02
Boiler Heater	4061	#5 NAPH HYDROTREATER F410	1330207	Xylenes (mixed)	2.6E+01	5.9E-03
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	75070	Acetaldehyde	3.2E+01	7.2E-03
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	107028	Acrolein	1.1E+01	2.5E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7664417	Ammonia	8.7E+01	2.0E-02
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7440382	Arsenic	5.1E-01	1.2E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	71432	Benzene	2.9E+01	6.6E-03
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	50328	Benzo[a]pyrene	3.9E-02	9.0E-06
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7440417	Beryllium	8.9E-03	2.0E-06
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7440439	Cadmium	3.7E-01	8.3E-05
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	75150	Carbon disulfide	7.9E-01	1.8E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	18540299	Chromium, hexavalent (& compounds)	7.6E-02	1.7E-05
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7440508	Copper	3.5E+00	8.0E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	57125	Cyanide compounds (inorganic)	1.6E+00	3.7E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	100414	Ethyl benzene	1.1E+01	2.5E-03
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	50000	Formaldehyde	6.1E+01	1.4E-02
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	110543	Hexane	1.2E+03	2.6E-01
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7647010	Hydrochloric acid	5.0E+02	1.1E-01
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7783064	Hydrogen sulfide	4.9E+01	1.1E-02
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7439921	Lead	1.5E+00	3.5E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7439965	Manganese	2.8E+00	6.5E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7439976	Mercury	1.5E-01	3.4E-05
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	91203	Naphthalene	2.9E-01	6.6E-05
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7440020	Nickel	3.0E+00	6.9E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	108952	Phenol	2.8E+00	6.5E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	115071	Propylene	1.3E+00	2.9E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7782492	Selenium	3.0E+00	6.9E-04
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	7664939	Sulfuric acid	1.1E+02	2.6E-02
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	108883	Toluene	5.1E+01	1.2E-02
Boiler Heater	4062	#5 NAPH HYDROTREATER F447	1330207	Xylenes (mixed)	2.6E+01	5.8E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	75070	Acetaldehyde	1.6E+01	3.5E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	107028	Acrolein	5.3E+00	1.2E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	7664417	Ammonia	4.3E+01	9.7E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	7440382	Arsenic	2.5E-01	5.8E-05
Boiler Heater	4068	VGO DESULFURIZER F-1610	71432	Benzene	1.4E+01	3.3E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	50328	Benzo[a]pyrene	1.9E-02	4.4E-06
Boiler Heater	4068	VGO DESULFURIZER F-1610	7440417	Beryllium	4.4E-03	1.0E-06
Boiler Heater	4068	VGO DESULFURIZER F-1610	7440439	Cadmium	1.8E-01	4.1E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4068	VGO DESULFURIZER F-1610	75150	Carbon disulfide	4.0E-01	9.1E-05
Boiler Heater	4068	VGO DESULFURIZER F-1610	18540299	Chromium, hexavalent (& compounds)	3.7E-02	8.5E-06
Boiler Heater	4068	VGO DESULFURIZER F-1610	7440508	Copper	1.7E+00	3.9E-04
Boiler Heater	4068	VGO DESULFURIZER F-1610	57125	Cyanide compounds (inorganic)	8.0E-01	1.8E-04
Boiler Heater	4068	VGO DESULFURIZER F-1610	100414	Ethyl benzene	5.3E+00	1.2E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	50000	Formaldehyde	3.0E+01	6.8E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	110543	Hexane	5.6E+02	1.3E-01
Boiler Heater	4068	VGO DESULFURIZER F-1610	7647010	Hydrochloric acid	2.4E+02	5.6E-02
Boiler Heater	4068	VGO DESULFURIZER F-1610	7783064	Hydrogen sulfide	2.4E+01	5.5E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	7439921	Lead	7.4E-01	1.7E-04
Boiler Heater	4068	VGO DESULFURIZER F-1610	7439965	Manganese	1.4E+00	3.2E-04
Boiler Heater	4068	VGO DESULFURIZER F-1610	7439976	Mercury	7.2E-02	1.7E-05
Boiler Heater	4068	VGO DESULFURIZER F-1610	91203	Naphthalene	1.4E-01	3.2E-05
Boiler Heater	4068	VGO DESULFURIZER F-1610	7440020	Nickel	1.5E+00	3.4E-04
Boiler Heater	4068	VGO DESULFURIZER F-1610	108952	Phenol	1.4E+00	3.2E-04
Boiler Heater	4068	VGO DESULFURIZER F-1610	115071	Propylene	6.2E-01	1.4E-04
Boiler Heater	4068	VGO DESULFURIZER F-1610	7782492	Selenium	1.5E+00	3.4E-04
Boiler Heater	4068	VGO DESULFURIZER F-1610	7664939	Sulfuric acid	5.5E+01	1.3E-02
Boiler Heater	4068	VGO DESULFURIZER F-1610	108883	Toluene	2.5E+01	5.8E-03
Boiler Heater	4068	VGO DESULFURIZER F-1610	1330207	Xylenes (mixed)	1.3E+01	2.9E-03
Boiler Heater	4069	VGO F1660	75070	Acetaldehyde	6.4E+00	1.5E-03
Boiler Heater	4069	VGO F1660	107028	Acrolein	2.2E+00	5.0E-04
Boiler Heater	4069	VGO F1660	7664417	Ammonia	1.8E+01	4.0E-03
Boiler Heater	4069	VGO F1660	7440382	Arsenic	1.0E-01	2.4E-05
Boiler Heater	4069	VGO F1660	71432	Benzene	5.9E+00	1.3E-03
Boiler Heater	4069	VGO F1660	50328	Benzo[a]pyrene	7.9E-03	1.8E-06
Boiler Heater	4069	VGO F1660	7440417	Beryllium	1.8E-03	4.1E-07
Boiler Heater	4069	VGO F1660	7440439	Cadmium	7.4E-02	1.7E-05
Boiler Heater	4069	VGO F1660	75150	Carbon disulfide	1.5E-01	3.5E-05
Boiler Heater	4069	VGO F1660	18540299	Chromium, hexavalent (& compounds)	6.8E-03	1.5E-06
Boiler Heater	4069	VGO F1660	7440508	Copper	7.1E-01	1.6E-04
Boiler Heater	4069	VGO F1660	57125	Cyanide compounds (inorganic)	3.3E-01	7.5E-05
Boiler Heater	4069	VGO F1660	100414	Ethyl benzene	2.2E+00	5.0E-04
Boiler Heater	4069	VGO F1660	50000	Formaldehyde	1.2E+01	2.8E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4069	VGO F1660	110543	Hexane	2.3E+02	5.3E-02
Boiler Heater	4069	VGO F1660	7647010	Hydrochloric acid	1.0E+02	2.3E-02
Boiler Heater	4069	VGO F1660	7783064	Hydrogen sulfide	1.0E+01	2.3E-03
Boiler Heater	4069	VGO F1660	7439921	Lead	3.1E-01	7.0E-05
Boiler Heater	4069	VGO F1660	7439965	Manganese	5.7E-01	1.3E-04
Boiler Heater	4069	VGO F1660	7439976	Mercury	3.0E-02	6.8E-06
Boiler Heater	4069	VGO F1660	91203	Naphthalene	5.9E-02	1.3E-05
Boiler Heater	4069	VGO F1660	7440020	Nickel	6.1E-01	1.4E-04
Boiler Heater	4069	VGO F1660	108952	Phenol	5.7E-01	1.3E-04
Boiler Heater	4069	VGO F1660	115071	Propylene	2.5E-01	5.8E-05
Boiler Heater	4069	VGO F1660	7782492	Selenium	6.1E-01	1.4E-04
Boiler Heater	4069	VGO F1660	7664939	Sulfuric acid	2.3E+01	5.2E-03
Boiler Heater	4069	VGO F1660	108883	Toluene	1.0E+01	2.4E-03
Boiler Heater	4069	VGO F1660	1330207	Xylenes (mixed)	5.2E+00	1.2E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	75070	Acetaldehyde	1.2E+02	2.8E-02
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	107028	Acrolein	4.2E+01	9.5E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7664417	Ammonia	3.4E+02	7.7E-02
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7440382	Arsenic	2.0E+00	4.5E-04
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	71432	Benzene	1.1E+02	2.6E-02
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	50328	Benzo[a]pyrene	1.5E-01	3.5E-05
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7440417	Beryllium	3.4E-02	7.9E-06
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7440439	Cadmium	1.4E+00	3.2E-04
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	75150	Carbon disulfide	3.0E+00	6.9E-04
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	18540299	Chromium, hexavalent (& compounds)	8.7E-02	2.0E-05
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7440508	Copper	1.4E+01	3.1E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	57125	Cyanide compounds (inorganic)	6.3E+00	1.4E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	100414	Ethyl benzene	4.2E+01	9.5E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	50000	Formaldehyde	2.3E+02	5.3E-02
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	110543	Hexane	4.4E+03	1.0E+00
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7647010	Hydrochloric acid	1.9E+03	4.4E-01
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7783064	Hydrogen sulfide	1.9E+02	4.3E-02
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7439921	Lead	5.8E+00	1.3E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7439965	Manganese	1.1E+01	2.5E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7439976	Mercury	5.7E-01	1.3E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	91203	Naphthalene	1.1E+00	2.6E-04
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7440020	Nickel	1.2E+01	2.7E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	108952	Phenol	1.1E+01	2.5E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	115071	Propylene	4.8E+00	1.1E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7782492	Selenium	1.2E+01	2.7E-03
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	7664939	Sulfuric acid	4.3E+02	9.9E-02
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	108883	Toluene	2.0E+02	4.5E-02
Boiler Heater	4070	#4 CRUDE UNIT F 1100A	1330207	Xylenes (mixed)	9.8E+01	2.2E-02
Boiler Heater	4071	#4 CRUDE UNIT F1100B	75070	Acetaldehyde	1.2E+02	2.8E-02
Boiler Heater	4071	#4 CRUDE UNIT F1100B	107028	Acrolein	4.2E+01	9.5E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7664417	Ammonia	3.3E+02	7.6E-02
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7440382	Arsenic	2.0E+00	4.5E-04
Boiler Heater	4071	#4 CRUDE UNIT F1100B	71432	Benzene	1.1E+02	2.5E-02
Boiler Heater	4071	#4 CRUDE UNIT F1100B	50328	Benzo[a]pyrene	1.5E-01	3.4E-05
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7440417	Beryllium	3.4E-02	7.8E-06
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7440439	Cadmium	1.4E+00	3.2E-04
Boiler Heater	4071	#4 CRUDE UNIT F1100B	75150	Carbon disulfide	3.0E+00	6.8E-04
Boiler Heater	4071	#4 CRUDE UNIT F1100B	18540299	Chromium, hexavalent (& compounds)	2.9E-01	6.6E-05
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7440508	Copper	1.3E+01	3.0E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	57125	Cyanide compounds (inorganic)	6.2E+00	1.4E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	100414	Ethyl benzene	4.1E+01	9.4E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	50000	Formaldehyde	2.3E+02	5.3E-02
Boiler Heater	4071	#4 CRUDE UNIT F1100B	110543	Hexane	4.4E+03	1.0E+00
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7647010	Hydrochloric acid	1.9E+03	4.3E-01
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7783064	Hydrogen sulfide	1.9E+02	4.3E-02
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7439921	Lead	5.8E+00	1.3E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7439965	Manganese	1.1E+01	2.5E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7439976	Mercury	5.6E-01	1.3E-04
Boiler Heater	4071	#4 CRUDE UNIT F1100B	91203	Naphthalene	1.1E+00	2.5E-04
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7440020	Nickel	1.2E+01	2.7E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	108952	Phenol	1.1E+01	2.5E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	115071	Propylene	4.8E+00	1.1E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7782492	Selenium	1.2E+01	2.7E-03
Boiler Heater	4071	#4 CRUDE UNIT F1100B	7664939	Sulfuric acid	4.3E+02	9.8E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4071	#4 CRUDE UNIT F1100B	108883	Toluene	2.0E+02	4.5E-02
Boiler Heater	4071	#4 CRUDE UNIT F1100B	1330207	Xylenes (mixed)	9.7E+01	2.2E-02
Boiler Heater	4072	#4 CRUDE UNIT F1160	75070	Acetaldehyde	6.5E+01	1.5E-02
Boiler Heater	4072	#4 CRUDE UNIT F1160	107028	Acrolein	2.2E+01	5.1E-03
Boiler Heater	4072	#4 CRUDE UNIT F1160	7664417	Ammonia	1.8E+02	4.0E-02
Boiler Heater	4072	#4 CRUDE UNIT F1160	7440382	Arsenic	1.1E+00	2.4E-04
Boiler Heater	4072	#4 CRUDE UNIT F1160	71432	Benzene	5.9E+01	1.4E-02
Boiler Heater	4072	#4 CRUDE UNIT F1160	50328	Benzo[a]pyrene	8.0E-02	1.8E-05
Boiler Heater	4072	#4 CRUDE UNIT F1160	7440417	Beryllium	1.8E-02	4.2E-06
Boiler Heater	4072	#4 CRUDE UNIT F1160	7440439	Cadmium	7.4E-01	1.7E-04
Boiler Heater	4072	#4 CRUDE UNIT F1160	75150	Carbon disulfide	1.5E+00	3.5E-04
Boiler Heater	4072	#4 CRUDE UNIT F1160	18540299	Chromium, hexavalent (& compounds)	1.1E-01	2.6E-05
Boiler Heater	4072	#4 CRUDE UNIT F1160	7440508	Copper	7.1E+00	1.6E-03
Boiler Heater	4072	#4 CRUDE UNIT F1160	57125	Cyanide compounds (inorganic)	3.3E+00	7.6E-04
Boiler Heater	4072	#4 CRUDE UNIT F1160	100414	Ethyl benzene	2.2E+01	5.1E-03
Boiler Heater	4072	#4 CRUDE UNIT F1160	50000	Formaldehyde	1.2E+02	2.8E-02
Boiler Heater	4072	#4 CRUDE UNIT F1160	110543	Hexane	2.4E+03	5.4E-01
Boiler Heater	4072	#4 CRUDE UNIT F1160	7647010	Hydrochloric acid	1.0E+03	2.3E-01
Boiler Heater	4072	#4 CRUDE UNIT F1160	7783064	Hydrogen sulfide	1.0E+02	2.3E-02
Boiler Heater	4072	#4 CRUDE UNIT F1160	7439921	Lead	3.1E+00	7.0E-04
Boiler Heater	4072	#4 CRUDE UNIT F1160	7439965	Manganese	5.8E+00	1.3E-03
Boiler Heater	4072	#4 CRUDE UNIT F1160	7439976	Mercury	3.0E-01	6.9E-05
Boiler Heater	4072	#4 CRUDE UNIT F1160	91203	Naphthalene	5.9E-01	1.4E-04
Boiler Heater	4072	#4 CRUDE UNIT F1160	7440020	Nickel	6.2E+00	1.4E-03
Boiler Heater	4072	#4 CRUDE UNIT F1160	108952	Phenol	5.8E+00	1.3E-03
Boiler Heater	4072	#4 CRUDE UNIT F1160	115071	Propylene	2.6E+00	5.8E-04
Boiler Heater	4072	#4 CRUDE UNIT F1160	7782492	Selenium	6.2E+00	1.4E-03
Boiler Heater	4072	#4 CRUDE UNIT F1160	7664939	Sulfuric acid	2.3E+02	5.3E-02
Boiler Heater	4072	#4 CRUDE UNIT F1160	108883	Toluene	1.1E+02	2.4E-02
Boiler Heater	4072	#4 CRUDE UNIT F1160	1330207	Xylenes (mixed)	5.2E+01	1.2E-02
Cooling Towers	4073	LSFO COOLING TOWER	96128	1,2-Dibromo-3-chloropropane	1.1E+01	2.6E-03
Cooling Towers	4073	LSFO COOLING TOWER	71432	Benzene	4.8E+01	1.1E-02
Cooling Towers	4073	LSFO COOLING TOWER	67663	Chloroform	4.0E+01	9.0E-03
Cooling Towers	4073	LSFO COOLING TOWER	117817	Di(2-ethylhexyl) phthalate	2.3E+00	5.1E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Cooling Towers	4073	LSFO COOLING TOWER	100414	Ethyl benzene	2.9E+01	6.6E-03
Cooling Towers	4073	LSFO COOLING TOWER	78933	Methyl ethyl ketone {2-Butanone}	1.1E+02	2.6E-02
Cooling Towers	4073	LSFO COOLING TOWER	91203	Naphthalene	2.8E+01	6.4E-03
Cooling Towers	4073	LSFO COOLING TOWER	127184	Perchloroethylene {Tetrachloroethene}	2.8E+01	6.4E-03
Cooling Towers	4073	LSFO COOLING TOWER	108883	Toluene	3.3E+01	7.4E-03
Cooling Towers	4073	LSFO COOLING TOWER	1330207	Xylenes (mixed)	3.0E+01	6.9E-03
Cooling Towers	4076	3 CAT COOLING TOWER E460	67663	Chloroform	3.2E+01	7.3E-03
Cooling Towers	4076	3 CAT COOLING TOWER E460	78933	Methyl ethyl ketone {2-Butanone}	1.3E+02	2.9E-02
Boiler Heater	4129	800# STM BLR #1 #IPP	75070	Acetaldehyde	6.1E+02	1.4E-01
Boiler Heater	4129	800# STM BLR #1 #IPP	7664417	Ammonia	3.4E+03	7.8E-01
Boiler Heater	4129	800# STM BLR #1 #IPP	7440382	Arsenic	3.8E+00	8.7E-04
Boiler Heater	4129	800# STM BLR #1 #IPP	71432	Benzene	4.3E+01	9.9E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	50328	Benzo[a]pyrene	2.8E-02	6.4E-06
Boiler Heater	4129	800# STM BLR #1 #IPP	7440417	Beryllium	1.1E-01	2.6E-05
Boiler Heater	4129	800# STM BLR #1 #IPP	7440439	Cadmium	2.9E-01	6.5E-05
Boiler Heater	4129	800# STM BLR #1 #IPP	75150	Carbon disulfide	5.8E+00	1.3E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	56235	Carbon tetrachloride	5.5E+00	1.3E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	67663	Chloroform	2.6E+01	6.0E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	18540299	Chromium, hexavalent (& compounds)	8.9E-02	2.0E-05
Boiler Heater	4129	800# STM BLR #1 #IPP	7440508	Copper	5.6E+00	1.3E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	57125	Cyanide compounds (inorganic)	5.7E+00	1.3E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	100414	Ethyl benzene	5.8E+01	1.3E-02
Boiler Heater	4129	800# STM BLR #1 #IPP	107062	Ethylene dichloride {EDC}	9.4E+02	2.1E-01
Boiler Heater	4129	800# STM BLR #1 #IPP	50000	Formaldehyde	2.1E+03	4.7E-01
Boiler Heater	4129	800# STM BLR #1 #IPP	7647010	Hydrochloric acid	1.5E+02	3.5E-02
Boiler Heater	4129	800# STM BLR #1 #IPP	7783064	Hydrogen sulfide	3.2E+01	7.2E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	7439921	Lead	3.2E+00	7.3E-04
Boiler Heater	4129	800# STM BLR #1 #IPP	7439965	Manganese	1.5E+02	3.5E-02
Boiler Heater	4129	800# STM BLR #1 #IPP	7439976	Mercury	1.4E-01	3.3E-05
Boiler Heater	4129	800# STM BLR #1 #IPP	71556	Methyl chloroform {1,1,1-Trichloroethane}	3.0E+01	6.7E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	75092	Methylene chloride {Dichloromethane}	1.1E+03	2.5E-01
Boiler Heater	4129	800# STM BLR #1 #IPP	91203	Naphthalene	1.6E+00	3.8E-04
Boiler Heater	4129	800# STM BLR #1 #IPP	7440020	Nickel	2.1E+01	4.8E-03
Boiler Heater	4129	800# STM BLR #1 #IPP	127184	Perchloroethylene {Tetrachloroethene}	6.0E+00	1.4E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4129	800# STM BLR #1 #IPP	108952	Phenol	2.8E+00	6.4E-04
Boiler Heater	4129	800# STM BLR #1 #IPP	7782492	Selenium	3.5E+02	8.0E-02
Boiler Heater	4129	800# STM BLR #1 #IPP	7664939	Sulfuric acid	4.6E+01	1.1E-02
Boiler Heater	4129	800# STM BLR #1 #IPP	108883	Toluene	5.1E+01	1.2E-02
Boiler Heater	4129	800# STM BLR #1 #IPP	79016	Trichloroethylene	3.2E+00	7.3E-04
Boiler Heater	4129	800# STM BLR #1 #IPP	1330207	Xylenes (mixed)	5.8E+01	1.3E-02
Boiler Heater	4131	800# STM BLR #3 #1PP	75070	Acetaldehyde	5.8E+02	1.3E-01
Boiler Heater	4131	800# STM BLR #3 #1PP	7664417	Ammonia	3.3E+03	7.4E-01
Boiler Heater	4131	800# STM BLR #3 #1PP	7440382	Arsenic	3.6E+00	8.3E-04
Boiler Heater	4131	800# STM BLR #3 #1PP	71432	Benzene	4.1E+01	9.4E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	50328	Benzo[a]pyrene	2.7E-02	6.1E-06
Boiler Heater	4131	800# STM BLR #3 #1PP	7440417	Beryllium	1.1E-01	2.5E-05
Boiler Heater	4131	800# STM BLR #3 #1PP	7440439	Cadmium	2.7E-01	6.3E-05
Boiler Heater	4131	800# STM BLR #3 #1PP	75150	Carbon disulfide	6.3E+00	1.4E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	56235	Carbon tetrachloride	5.2E+00	1.2E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	67663	Chloroform	2.5E+01	5.8E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	18540299	Chromium, hexavalent (& compounds)	8.5E-02	1.9E-05
Boiler Heater	4131	800# STM BLR #3 #1PP	7440508	Copper	5.4E+00	1.2E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	57125	Cyanide compounds (inorganic)	5.4E+00	1.2E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	100414	Ethyl benzene	5.6E+01	1.3E-02
Boiler Heater	4131	800# STM BLR #3 #1PP	107062	Ethylene dichloride {EDC}	9.0E+02	2.1E-01
Boiler Heater	4131	800# STM BLR #3 #1PP	50000	Formaldehyde	2.0E+03	4.5E-01
Boiler Heater	4131	800# STM BLR #3 #1PP	7647010	Hydrochloric acid	1.4E+02	3.3E-02
Boiler Heater	4131	800# STM BLR #3 #1PP	7783064	Hydrogen sulfide	3.0E+01	6.9E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	7439921	Lead	3.1E+00	7.0E-04
Boiler Heater	4131	800# STM BLR #3 #1PP	7439965	Manganese	1.5E+02	3.3E-02
Boiler Heater	4131	800# STM BLR #3 #1PP	7439976	Mercury	1.4E-01	3.1E-05
Boiler Heater	4131	800# STM BLR #3 #1PP	71556	Methyl chloroform {1,1,1-Trichloroethane}	2.8E+01	6.4E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	75092	Methylene chloride {Dichloromethane}	1.1E+03	2.4E-01
Boiler Heater	4131	800# STM BLR #3 #1PP	91203	Naphthalene	1.6E+00	3.6E-04
Boiler Heater	4131	800# STM BLR #3 #1PP	7440020	Nickel	2.0E+01	4.6E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	127184	Perchloroethylene {Tetrachloroethene}	5.7E+00	1.3E-03
Boiler Heater	4131	800# STM BLR #3 #1PP	108952	Phenol	2.7E+00	6.1E-04
Boiler Heater	4131	800# STM BLR #3 #1PP	7782492	Selenium	3.4E+02	7.7E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4131	800# STM BLR #3 #1PP	7664939	Sulfuric acid	4.8E+01	1.1E-02
Boiler Heater	4131	800# STM BLR #3 #1PP	108883	Toluene	4.9E+01	1.1E-02
Boiler Heater	4131	800# STM BLR #3 #1PP	79016	Trichloroethylene	3.1E+00	7.0E-04
Boiler Heater	4131	800# STM BLR #3 #1PP	1330207	Xylenes (mixed)	5.6E+01	1.3E-02
Boiler Heater	4132	800# STM BLR #4 #1 PP	75070	Acetaldehyde	6.6E+02	1.5E-01
Boiler Heater	4132	800# STM BLR #4 #1 PP	7664417	Ammonia	3.7E+03	8.4E-01
Boiler Heater	4132	800# STM BLR #4 #1 PP	7440382	Arsenic	4.1E+00	9.3E-04
Boiler Heater	4132	800# STM BLR #4 #1 PP	71432	Benzene	4.7E+01	1.1E-02
Boiler Heater	4132	800# STM BLR #4 #1 PP	50328	Benzo[a]pyrene	3.0E-02	6.9E-06
Boiler Heater	4132	800# STM BLR #4 #1 PP	7440417	Beryllium	1.2E-01	2.8E-05
Boiler Heater	4132	800# STM BLR #4 #1 PP	7440439	Cadmium	3.1E-01	7.1E-05
Boiler Heater	4132	800# STM BLR #4 #1 PP	75150	Carbon disulfide	6.7E+00	1.5E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	56235	Carbon tetrachloride	5.9E+00	1.4E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	67663	Chloroform	2.9E+01	6.5E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	18540299	Chromium, hexavalent (& compounds)	9.6E-02	2.2E-05
Boiler Heater	4132	800# STM BLR #4 #1 PP	7440508	Copper	6.1E+00	1.4E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	57125	Cyanide compounds (inorganic)	6.1E+00	1.4E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	100414	Ethyl benzene	6.3E+01	1.4E-02
Boiler Heater	4132	800# STM BLR #4 #1 PP	107062	Ethylene dichloride {EDC}	1.0E+03	2.3E-01
Boiler Heater	4132	800# STM BLR #4 #1 PP	50000	Formaldehyde	2.2E+03	5.1E-01
Boiler Heater	4132	800# STM BLR #4 #1 PP	7647010	Hydrochloric acid	1.6E+02	3.7E-02
Boiler Heater	4132	800# STM BLR #4 #1 PP	7783064	Hydrogen sulfide	3.4E+01	7.8E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	7439921	Lead	3.5E+00	7.9E-04
Boiler Heater	4132	800# STM BLR #4 #1 PP	7439965	Manganese	1.6E+02	3.7E-02
Boiler Heater	4132	800# STM BLR #4 #1 PP	7439976	Mercury	1.6E-01	3.5E-05
Boiler Heater	4132	800# STM BLR #4 #1 PP	71556	Methyl chloroform {1,1,1-Trichloroethane}	3.2E+01	7.3E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	75092	Methylene chloride {Dichloromethane}	1.2E+03	2.7E-01
Boiler Heater	4132	800# STM BLR #4 #1 PP	91203	Naphthalene	1.8E+00	4.1E-04
Boiler Heater	4132	800# STM BLR #4 #1 PP	7440020	Nickel	2.3E+01	5.2E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	127184	Perchloroethylene {Tetrachloroethene}	6.5E+00	1.5E-03
Boiler Heater	4132	800# STM BLR #4 #1 PP	108952	Phenol	3.0E+00	6.9E-04
Boiler Heater	4132	800# STM BLR #4 #1 PP	7782492	Selenium	3.8E+02	8.6E-02
Boiler Heater	4132	800# STM BLR #4 #1 PP	7664939	Sulfuric acid	5.2E+01	1.2E-02
Boiler Heater	4132	800# STM BLR #4 #1 PP	108883	Toluene	5.5E+01	1.3E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4132	800# STM BLR #4 #1 PP	79016	Trichloroethylene	3.5E+00	7.9E-04
Boiler Heater	4132	800# STM BLR #4 #1 PP	1330207	Xylenes (mixed)	6.3E+01	1.4E-02
Boiler Heater	4133	800# STEAM BLR #5 #1PP	75070	Acetaldehyde	5.0E+02	1.1E-01
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7664417	Ammonia	2.8E+03	6.3E-01
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7440382	Arsenic	3.1E+00	7.0E-04
Boiler Heater	4133	800# STEAM BLR #5 #1PP	71432	Benzene	3.5E+01	8.0E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	50328	Benzo[a]pyrene	2.3E-02	5.2E-06
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7440417	Beryllium	9.2E-02	2.1E-05
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7440439	Cadmium	2.3E-01	5.3E-05
Boiler Heater	4133	800# STEAM BLR #5 #1PP	75150	Carbon disulfide	4.3E+00	9.8E-04
Boiler Heater	4133	800# STEAM BLR #5 #1PP	56235	Carbon tetrachloride	4.5E+00	1.0E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	67663	Chloroform	2.2E+01	4.9E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	18540299	Chromium, hexavalent (& compounds)	7.2E-02	1.7E-05
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7440508	Copper	4.6E+00	1.1E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	57125	Cyanide compounds (inorganic)	4.6E+00	1.1E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	100414	Ethyl benzene	4.8E+01	1.1E-02
Boiler Heater	4133	800# STEAM BLR #5 #1PP	107062	Ethylene dichloride {EDC}	7.6E+02	1.7E-01
Boiler Heater	4133	800# STEAM BLR #5 #1PP	50000	Formaldehyde	1.7E+03	3.8E-01
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7647010	Hydrochloric acid	1.2E+02	2.8E-02
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7783064	Hydrogen sulfide	2.6E+01	5.9E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7439921	Lead	2.6E+00	5.9E-04
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7439965	Manganese	1.2E+02	2.8E-02
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7439976	Mercury	1.2E-01	2.7E-05
Boiler Heater	4133	800# STEAM BLR #5 #1PP	71556	Methyl chloroform {1,1,1-Trichloroethane}	2.4E+01	5.5E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	75092	Methylene chloride {Dichloromethane}	9.1E+02	2.1E-01
Boiler Heater	4133	800# STEAM BLR #5 #1PP	91203	Naphthalene	1.3E+00	3.1E-04
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7440020	Nickel	1.7E+01	3.9E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	127184	Perchloroethylene {Tetrachloroethene}	4.9E+00	1.1E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	108952	Phenol	2.3E+00	5.2E-04
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7782492	Selenium	2.9E+02	6.5E-02
Boiler Heater	4133	800# STEAM BLR #5 #1PP	7664939	Sulfuric acid	3.7E+01	8.5E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	108883	Toluene	4.2E+01	9.5E-03
Boiler Heater	4133	800# STEAM BLR #5 #1PP	79016	Trichloroethylene	2.6E+00	5.9E-04
Boiler Heater	4133	800# STEAM BLR #5 #1PP	1330207	Xylenes (mixed)	4.8E+01	1.1E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4135	800# STM BLR #7 #1 PP	75070	Acetaldehyde	6.8E+02	1.6E-01
Boiler Heater	4135	800# STM BLR #7 #1 PP	7664417	Ammonia	3.8E+03	8.7E-01
Boiler Heater	4135	800# STM BLR #7 #1 PP	7440382	Arsenic	4.2E+00	9.6E-04
Boiler Heater	4135	800# STM BLR #7 #1 PP	71432	Benzene	4.8E+01	1.1E-02
Boiler Heater	4135	800# STM BLR #7 #1 PP	50328	Benzo[a]pyrene	3.1E-02	7.1E-06
Boiler Heater	4135	800# STM BLR #7 #1 PP	7440417	Beryllium	1.3E-01	2.9E-05
Boiler Heater	4135	800# STM BLR #7 #1 PP	7440439	Cadmium	3.2E-01	7.3E-05
Boiler Heater	4135	800# STM BLR #7 #1 PP	75150	Carbon disulfide	7.1E+00	1.6E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	56235	Carbon tetrachloride	6.1E+00	1.4E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	67663	Chloroform	2.9E+01	6.7E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	18540299	Chromium, hexavalent (& compounds)	9.9E-02	2.3E-05
Boiler Heater	4135	800# STM BLR #7 #1 PP	7440508	Copper	6.3E+00	1.4E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	57125	Cyanide compounds (inorganic)	6.3E+00	1.4E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	100414	Ethyl benzene	6.5E+01	1.5E-02
Boiler Heater	4135	800# STM BLR #7 #1 PP	107062	Ethylene dichloride {EDC}	1.1E+03	2.4E-01
Boiler Heater	4135	800# STM BLR #7 #1 PP	50000	Formaldehyde	2.3E+03	5.2E-01
Boiler Heater	4135	800# STM BLR #7 #1 PP	7647010	Hydrochloric acid	1.7E+02	3.8E-02
Boiler Heater	4135	800# STM BLR #7 #1 PP	7783064	Hydrogen sulfide	3.5E+01	8.0E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	7439921	Lead	3.6E+00	8.1E-04
Boiler Heater	4135	800# STM BLR #7 #1 PP	7439965	Manganese	1.7E+02	3.9E-02
Boiler Heater	4135	800# STM BLR #7 #1 PP	7439976	Mercury	1.6E-01	3.6E-05
Boiler Heater	4135	800# STM BLR #7 #1 PP	71556	Methyl chloroform {1,1,1-Trichloroethane}	3.3E+01	7.5E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	75092	Methylene chloride {Dichloromethane}	1.2E+03	2.8E-01
Boiler Heater	4135	800# STM BLR #7 #1 PP	91203	Naphthalene	1.8E+00	4.2E-04
Boiler Heater	4135	800# STM BLR #7 #1 PP	7440020	Nickel	2.3E+01	5.3E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	127184	Perchloroethylene {Tetrachloroethene}	6.7E+00	1.5E-03
Boiler Heater	4135	800# STM BLR #7 #1 PP	108952	Phenol	3.1E+00	7.1E-04
Boiler Heater	4135	800# STM BLR #7 #1 PP	7782492	Selenium	3.9E+02	8.9E-02
Boiler Heater	4135	800# STM BLR #7 #1 PP	7664939	Sulfuric acid	5.6E+01	1.3E-02
Boiler Heater	4135	800# STM BLR #7 #1 PP	108883	Toluene	5.7E+01	1.3E-02
Boiler Heater	4135	800# STM BLR #7 #1 PP	79016	Trichloroethylene	3.6E+00	8.1E-04
Boiler Heater	4135	800# STM BLR #7 #1 PP	1330207	Xylenes (mixed)	6.5E+01	1.5E-02
Wastewater Treatment	4148	#13 SEPARATOR	71432	Benzene	6.9E+00	1.6E-03
Wastewater Treatment	4148	#13 SEPARATOR	67663	Chloroform	1.3E-01	3.0E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Wastewater Treatment	4148	#13 SEPARATOR	1319773	Cresols (mixtures of) {Cresylic acid}	1.7E-02	3.8E-06
Wastewater Treatment	4148	#13 SEPARATOR	100414	Ethyl benzene	1.0E+00	2.3E-04
Wastewater Treatment	4148	#13 SEPARATOR	78933	Methyl ethyl ketone {2-Butanone}	1.1E-02	2.5E-06
Wastewater Treatment	4148	#13 SEPARATOR	91203	Naphthalene	5.6E-02	1.3E-05
Wastewater Treatment	4148	#13 SEPARATOR	108952	Phenol	1.4E-02	3.1E-06
Wastewater Treatment	4148	#13 SEPARATOR	108883	Toluene	3.8E+00	8.6E-04
Wastewater Treatment	4148	#13 SEPARATOR	1330207	Xylenes (mixed)	3.7E+00	8.4E-04
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	75070	Acetaldehyde	4.6E+00	1.1E-03
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	107028	Acrolein	1.6E+00	3.6E-04
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7664417	Ammonia	1.3E+01	2.9E-03
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7440382	Arsenic	7.5E-02	1.7E-05
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	71432	Benzene	4.2E+00	9.7E-04
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	50328	Benzo[a]pyrene	5.7E-03	1.3E-06
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7440417	Beryllium	1.3E-03	3.0E-07
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7440439	Cadmium	5.3E-02	1.2E-05
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	75150	Carbon disulfide	2.1E-01	4.8E-05
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	18540299	Chromium, hexavalent (& compounds)	1.1E-02	2.5E-06
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7440508	Copper	5.1E-01	1.2E-04
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	57125	Cyanide compounds (inorganic)	2.4E-01	5.4E-05
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	100414	Ethyl benzene	1.6E+00	3.6E-04
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	50000	Formaldehyde	8.9E+00	2.0E-03
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	110543	Hexane	1.7E+02	3.8E-02
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7647010	Hydrochloric acid	7.3E+01	1.7E-02
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7783064	Hydrogen sulfide	7.2E+00	1.6E-03
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7439921	Lead	2.2E-01	5.0E-05
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7439965	Manganese	4.1E-01	9.4E-05
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7439976	Mercury	2.2E-02	4.9E-06
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	91203	Naphthalene	4.2E-02	9.6E-06
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7440020	Nickel	4.4E-01	1.0E-04
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	108952	Phenol	4.1E-01	9.4E-05
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	115071	Propylene	1.8E-01	4.2E-05
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7782492	Selenium	4.4E-01	1.0E-04
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	7664939	Sulfuric acid	1.6E+01	3.7E-03
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	108883	Toluene	7.5E+00	1.7E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4152	F-100 ASPHALT SOLUTION HEATER SDA ISOMAX	1330207	Xylenes (mixed)	3.7E+00	8.5E-04
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	75070	Acetaldehyde	4.7E+00	1.1E-03
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	107028	Acrolein	1.6E+00	3.7E-04
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7664417	Ammonia	1.3E+01	2.9E-03
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7440382	Arsenic	7.5E-02	1.7E-05
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	71432	Benzene	4.3E+00	9.8E-04
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	50328	Benzo[a]pyrene	5.8E-03	1.3E-06
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7440417	Beryllium	1.3E-03	3.0E-07
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7440439	Cadmium	5.4E-02	1.2E-05
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	75150	Carbon disulfide	2.2E-01	4.9E-05
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	18540299	Chromium, hexavalent (& compounds)	1.1E-02	2.5E-06
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7440508	Copper	5.1E-01	1.2E-04
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	57125	Cyanide compounds (inorganic)	2.4E-01	5.5E-05
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	100414	Ethyl benzene	1.6E+00	3.6E-04
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	50000	Formaldehyde	8.9E+00	2.0E-03
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	110543	Hexane	1.7E+02	3.9E-02
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7647010	Hydrochloric acid	7.3E+01	1.7E-02
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7783064	Hydrogen sulfide	7.2E+00	1.7E-03
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7439921	Lead	2.2E-01	5.1E-05
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7439965	Manganese	4.2E-01	9.5E-05
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7439976	Mercury	2.2E-02	5.0E-06
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	91203	Naphthalene	4.3E-02	9.7E-06
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7440020	Nickel	4.5E-01	1.0E-04
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	108952	Phenol	4.2E-01	9.5E-05
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	115071	Propylene	1.8E-01	4.2E-05
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7782492	Selenium	4.5E-01	1.0E-04
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	7664939	Sulfuric acid	1.7E+01	3.8E-03
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	108883	Toluene	7.5E+00	1.7E-03
Boiler Heater	4154	F-120 ASPHALT SOLUTION HEATER SDA ISOMAX	1330207	Xylenes (mixed)	3.7E+00	8.5E-04
Boiler Heater	4155	F-135 Hot Oil Furnace	75070	Acetaldehyde	5.6E+01	1.3E-02
Boiler Heater	4155	F-135 Hot Oil Furnace	107028	Acrolein	1.9E+01	4.4E-03
Boiler Heater	4155	F-135 Hot Oil Furnace	7664417	Ammonia	1.5E+02	3.5E-02
Boiler Heater	4155	F-135 Hot Oil Furnace	7440382	Arsenic	9.1E-01	2.1E-04
Boiler Heater	4155	F-135 Hot Oil Furnace	71432	Benzene	5.1E+01	1.2E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4155	F-135 Hot Oil Furnace	50328	Benzo[a]pyrene	6.9E-02	1.6E-05
Boiler Heater	4155	F-135 Hot Oil Furnace	7440417	Beryllium	1.6E-02	3.6E-06
Boiler Heater	4155	F-135 Hot Oil Furnace	7440439	Cadmium	6.4E-01	1.5E-04
Boiler Heater	4155	F-135 Hot Oil Furnace	75150	Carbon disulfide	2.5E+00	5.7E-04
Boiler Heater	4155	F-135 Hot Oil Furnace	18540299	Chromium, hexavalent (& compounds)	3.0E-02	6.9E-06
Boiler Heater	4155	F-135 Hot Oil Furnace	7440508	Copper	6.2E+00	1.4E-03
Boiler Heater	4155	F-135 Hot Oil Furnace	57125	Cyanide compounds (inorganic)	2.9E+00	6.6E-04
Boiler Heater	4155	F-135 Hot Oil Furnace	100414	Ethyl benzene	1.9E+01	4.4E-03
Boiler Heater	4155	F-135 Hot Oil Furnace	50000	Formaldehyde	1.1E+02	2.4E-02
Boiler Heater	4155	F-135 Hot Oil Furnace	110543	Hexane	2.0E+03	4.6E-01
Boiler Heater	4155	F-135 Hot Oil Furnace	7647010	Hydrochloric acid	8.8E+02	2.0E-01
Boiler Heater	4155	F-135 Hot Oil Furnace	7783064	Hydrogen sulfide	8.7E+01	2.0E-02
Boiler Heater	4155	F-135 Hot Oil Furnace	7439921	Lead	2.7E+00	6.1E-04
Boiler Heater	4155	F-135 Hot Oil Furnace	7439965	Manganese	5.0E+00	1.1E-03
Boiler Heater	4155	F-135 Hot Oil Furnace	7439976	Mercury	2.6E-01	5.9E-05
Boiler Heater	4155	F-135 Hot Oil Furnace	91203	Naphthalene	5.1E-01	1.2E-04
Boiler Heater	4155	F-135 Hot Oil Furnace	7440020	Nickel	5.3E+00	1.2E-03
Boiler Heater	4155	F-135 Hot Oil Furnace	108952	Phenol	5.0E+00	1.1E-03
Boiler Heater	4155	F-135 Hot Oil Furnace	115071	Propylene	2.2E+00	5.1E-04
Boiler Heater	4155	F-135 Hot Oil Furnace	7782492	Selenium	5.3E+00	1.2E-03
Boiler Heater	4155	F-135 Hot Oil Furnace	7664939	Sulfuric acid	2.0E+02	4.5E-02
Boiler Heater	4155	F-135 Hot Oil Furnace	108883	Toluene	9.1E+01	2.1E-02
Boiler Heater	4155	F-135 Hot Oil Furnace	1330207	Xylenes (mixed)	4.5E+01	1.0E-02
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	75070	Acetaldehyde	1.3E+01	2.9E-03
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	107028	Acrolein	4.4E+00	1.0E-03
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7664417	Ammonia	3.5E+01	8.0E-03
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7440382	Arsenic	2.1E-01	4.8E-05
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	71432	Benzene	1.2E+01	2.7E-03
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	50328	Benzo[a]pyrene	1.6E-02	3.6E-06
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7440417	Beryllium	3.6E-03	8.2E-07
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7440439	Cadmium	1.5E-01	3.4E-05
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	75150	Carbon disulfide	5.4E-01	1.2E-04
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	18540299	Chromium, hexavalent (& compounds)	3.1E-02	7.0E-06
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7440508	Copper	1.4E+00	3.2E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	57125	Cyanide compounds (inorganic)	6.6E-01	1.5E-04
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	100414	Ethyl benzene	4.4E+00	1.0E-03
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	50000	Formaldehyde	2.5E+01	5.6E-03
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	110543	Hexane	4.7E+02	1.1E-01
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7647010	Hydrochloric acid	2.0E+02	4.6E-02
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7783064	Hydrogen sulfide	2.0E+01	4.5E-03
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7439921	Lead	6.1E-01	1.4E-04
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7439965	Manganese	1.2E+00	2.6E-04
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7439976	Mercury	6.0E-02	1.4E-05
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	91203	Naphthalene	1.2E-01	2.7E-05
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7440020	Nickel	1.2E+00	2.8E-04
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	108952	Phenol	1.2E+00	2.6E-04
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	115071	Propylene	5.1E-01	1.2E-04
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7782492	Selenium	1.2E+00	2.8E-04
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	7664939	Sulfuric acid	4.6E+01	1.0E-02
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	108883	Toluene	2.1E+01	4.8E-03
Boiler Heater	4159	F410 TKC FEED FURNACE TKC ISOMAX	1330207	Xylenes (mixed)	1.0E+01	2.4E-03
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	75070	Acetaldehyde	1.1E+01	2.5E-03
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	107028	Acrolein	3.7E+00	8.5E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7664417	Ammonia	3.0E+01	6.8E-03
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7440382	Arsenic	1.8E-01	4.0E-05
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	71432	Benzene	1.0E+01	2.3E-03
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	50328	Benzo[a]pyrene	1.3E-02	3.1E-06
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7440417	Beryllium	3.1E-03	7.0E-07
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7440439	Cadmium	1.3E-01	2.9E-05
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	75150	Carbon disulfide	4.5E-01	1.0E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	18540299	Chromium, hexavalent (& compounds)	2.6E-02	5.9E-06
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7440508	Copper	1.2E+00	2.7E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	57125	Cyanide compounds (inorganic)	5.6E-01	1.3E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	100414	Ethyl benzene	3.7E+00	8.5E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	50000	Formaldehyde	2.1E+01	4.8E-03
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	110543	Hexane	3.9E+02	9.0E-02
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7647010	Hydrochloric acid	1.7E+02	3.9E-02
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7783064	Hydrogen sulfide	1.7E+01	3.8E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7439921	Lead	5.2E-01	1.2E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7439965	Manganese	9.7E-01	2.2E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7439976	Mercury	5.0E-02	1.2E-05
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	91203	Naphthalene	9.9E-02	2.3E-05
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7440020	Nickel	1.0E+00	2.4E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	108952	Phenol	9.7E-01	2.2E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	115071	Propylene	4.3E-01	9.8E-05
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7782492	Selenium	1.0E+00	2.4E-04
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	7664939	Sulfuric acid	3.9E+01	8.8E-03
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	108883	Toluene	1.8E+01	4.0E-03
Boiler Heater	4160	F420 TKC FEED FURNACE TKC ISOMAX	1330207	Xylenes (mixed)	8.7E+00	2.0E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	75070	Acetaldehyde	1.5E+01	3.5E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	107028	Acrolein	5.2E+00	1.2E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7664417	Ammonia	4.2E+01	9.5E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7440382	Arsenic	2.5E-01	5.6E-05
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	71432	Benzene	1.4E+01	3.2E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	50328	Benzo[a]pyrene	1.9E-02	4.3E-06
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7440417	Beryllium	4.3E-03	9.8E-07
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7440439	Cadmium	1.7E-01	4.0E-05
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	75150	Carbon disulfide	6.2E-01	1.4E-04
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	18540299	Chromium, hexavalent (& compounds)	3.6E-02	8.3E-06
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7440508	Copper	1.7E+00	3.8E-04
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	57125	Cyanide compounds (inorganic)	7.8E-01	1.8E-04
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	100414	Ethyl benzene	5.2E+00	1.2E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	50000	Formaldehyde	2.9E+01	6.6E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	110543	Hexane	5.5E+02	1.3E-01
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7647010	Hydrochloric acid	2.4E+02	5.4E-02
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7783064	Hydrogen sulfide	2.4E+01	5.4E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7439921	Lead	7.2E-01	1.7E-04
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7439965	Manganese	1.4E+00	3.1E-04
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7439976	Mercury	7.1E-02	1.6E-05
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	91203	Naphthalene	1.4E-01	3.2E-05
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7440020	Nickel	1.5E+00	3.3E-04
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	108952	Phenol	1.4E+00	3.1E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	115071	Propylene	6.0E-01	1.4E-04
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7782492	Selenium	1.5E+00	3.3E-04
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	7664939	Sulfuric acid	5.4E+01	1.2E-02
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	108883	Toluene	2.5E+01	5.6E-03
Boiler Heater	4161	F-510 TKN Feed Furnace/Low NOx Burners	1330207	Xylenes (mixed)	1.2E+01	2.8E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	75070	Acetaldehyde	1.5E+01	3.4E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	107028	Acrolein	5.1E+00	1.2E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7664417	Ammonia	4.1E+01	9.3E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7440382	Arsenic	2.4E-01	5.5E-05
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	71432	Benzene	1.4E+01	3.1E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	50328	Benzo[a]pyrene	1.8E-02	4.2E-06
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7440417	Beryllium	4.2E-03	9.5E-07
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7440439	Cadmium	1.7E-01	3.9E-05
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	75150	Carbon disulfide	6.1E-01	1.4E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	18540299	Chromium, hexavalent (& compounds)	3.5E-02	8.1E-06
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7440508	Copper	1.6E+00	3.7E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	57125	Cyanide compounds (inorganic)	7.6E-01	1.7E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	100414	Ethyl benzene	5.0E+00	1.2E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	50000	Formaldehyde	2.8E+01	6.5E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	110543	Hexane	5.4E+02	1.2E-01
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7647010	Hydrochloric acid	2.3E+02	5.3E-02
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7783064	Hydrogen sulfide	2.3E+01	5.2E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7439921	Lead	7.0E-01	1.6E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7439965	Manganese	1.3E+00	3.0E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7439976	Mercury	6.9E-02	1.6E-05
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	91203	Naphthalene	1.4E-01	3.1E-05
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7440020	Nickel	1.4E+00	3.2E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	108952	Phenol	1.3E+00	3.0E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	115071	Propylene	5.8E-01	1.3E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7782492	Selenium	1.4E+00	3.2E-04
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	7664939	Sulfuric acid	5.2E+01	1.2E-02
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	108883	Toluene	2.4E+01	5.5E-03
Boiler Heater	4162	F-520 TKN Furnace/Low-NOx Burners	1330207	Xylenes (mixed)	1.2E+01	2.7E-03
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	75070	Acetaldehyde	1.6E+01	3.6E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	107028	Acrolein	5.4E+00	1.2E-03
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7664417	Ammonia	4.3E+01	9.9E-03
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7440382	Arsenic	2.6E-01	5.8E-05
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	71432	Benzene	1.5E+01	3.3E-03
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	50328	Benzo[a]pyrene	2.0E-02	4.5E-06
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7440417	Beryllium	4.5E-03	1.0E-06
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7440439	Cadmium	1.8E-01	4.2E-05
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	75150	Carbon disulfide	6.5E-01	1.5E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	18540299	Chromium, hexavalent (& compounds)	3.8E-02	8.6E-06
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7440508	Copper	1.7E+00	4.0E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	57125	Cyanide compounds (inorganic)	8.1E-01	1.9E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	100414	Ethyl benzene	5.4E+00	1.2E-03
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	50000	Formaldehyde	3.0E+01	6.9E-03
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	110543	Hexane	5.7E+02	1.3E-01
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7647010	Hydrochloric acid	2.5E+02	5.7E-02
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7783064	Hydrogen sulfide	2.5E+01	5.6E-03
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7439921	Lead	7.5E-01	1.7E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7439965	Manganese	1.4E+00	3.2E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7439976	Mercury	7.3E-02	1.7E-05
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	91203	Naphthalene	1.4E-01	3.3E-05
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7440020	Nickel	1.5E+00	3.4E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	108952	Phenol	1.4E+00	3.2E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	115071	Propylene	6.2E-01	1.4E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7782492	Selenium	1.5E+00	3.4E-04
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	7664939	Sulfuric acid	5.6E+01	1.3E-02
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	108883	Toluene	2.6E+01	5.8E-03
Boiler Heater	4163	F-530 TKN Feed Furnace/Low NOx Burners	1330207	Xylenes (mixed)	1.3E+01	2.9E-03
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	75070	Acetaldehyde	9.7E+00	2.2E-03
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	107028	Acrolein	3.3E+00	7.6E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7664417	Ammonia	2.7E+01	6.1E-03
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7440382	Arsenic	1.6E-01	3.6E-05
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	71432	Benzene	8.9E+00	2.0E-03
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	50328	Benzo[a]pyrene	1.2E-02	2.7E-06
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7440417	Beryllium	2.7E-03	6.3E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7440439	Cadmium	1.1E-01	2.6E-05
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	75150	Carbon disulfide	4.2E-01	9.7E-05
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	18540299	Chromium, hexavalent (& compounds)	2.3E-02	5.3E-06
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7440508	Copper	1.1E+00	2.4E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	57125	Cyanide compounds (inorganic)	5.0E-01	1.1E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	100414	Ethyl benzene	3.3E+00	7.6E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	50000	Formaldehyde	1.9E+01	4.3E-03
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	110543	Hexane	3.5E+02	8.0E-02
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7647010	Hydrochloric acid	1.5E+02	3.5E-02
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7783064	Hydrogen sulfide	1.5E+01	3.5E-03
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7439921	Lead	4.6E-01	1.1E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7439965	Manganese	8.7E-01	2.0E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7439976	Mercury	4.5E-02	1.0E-05
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	91203	Naphthalene	8.9E-02	2.0E-05
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7440020	Nickel	9.3E-01	2.1E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	108952	Phenol	8.7E-01	2.0E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	115071	Propylene	3.8E-01	8.8E-05
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7782492	Selenium	9.3E-01	2.1E-04
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	7664939	Sulfuric acid	3.5E+01	7.9E-03
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	108883	Toluene	1.6E+01	3.6E-03
Boiler Heater	4164	F-630 ISOCRACKER FEED FURNACE	1330207	Xylenes (mixed)	7.8E+00	1.8E-03
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	75070	Acetaldehyde	1.1E+01	2.6E-03
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	107028	Acrolein	3.8E+00	8.8E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7664417	Ammonia	3.1E+01	7.0E-03
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7440382	Arsenic	1.8E-01	4.1E-05
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	71432	Benzene	1.0E+01	2.4E-03
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	50328	Benzo[a]pyrene	1.4E-02	3.2E-06
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7440417	Beryllium	3.2E-03	7.2E-07
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7440439	Cadmium	1.3E-01	3.0E-05
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	75150	Carbon disulfide	4.9E-01	1.1E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	18540299	Chromium, hexavalent (& compounds)	2.7E-02	6.1E-06
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7440508	Copper	1.2E+00	2.8E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	57125	Cyanide compounds (inorganic)	5.8E-01	1.3E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	100414	Ethyl benzene	3.8E+00	8.7E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	50000	Formaldehyde	2.2E+01	4.9E-03
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	110543	Hexane	4.1E+02	9.3E-02
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7647010	Hydrochloric acid	1.8E+02	4.0E-02
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7783064	Hydrogen sulfide	1.7E+01	4.0E-03
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7439921	Lead	5.3E-01	1.2E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7439965	Manganese	1.0E+00	2.3E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7439976	Mercury	5.2E-02	1.2E-05
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	91203	Naphthalene	1.0E-01	2.3E-05
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7440020	Nickel	1.1E+00	2.4E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	108952	Phenol	1.0E+00	2.3E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	115071	Propylene	4.4E-01	1.0E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7782492	Selenium	1.1E+00	2.4E-04
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	7664939	Sulfuric acid	4.0E+01	9.1E-03
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	108883	Toluene	1.8E+01	4.1E-03
Boiler Heater	4165	F620 ISOCRACKER FEED FURNACE	1330207	Xylenes (mixed)	9.0E+00	2.1E-03
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	75070	Acetaldehyde	1.2E+01	2.7E-03
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	107028	Acrolein	4.1E+00	9.3E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7664417	Ammonia	3.3E+01	7.4E-03
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7440382	Arsenic	1.9E-01	4.4E-05
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	71432	Benzene	1.1E+01	2.5E-03
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	50328	Benzo[a]pyrene	1.5E-02	3.4E-06
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7440417	Beryllium	3.3E-03	7.6E-07
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7440439	Cadmium	1.4E-01	3.1E-05
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	75150	Carbon disulfide	5.2E-01	1.2E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	18540299	Chromium, hexavalent (& compounds)	2.8E-02	6.5E-06
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7440508	Copper	1.3E+00	3.0E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	57125	Cyanide compounds (inorganic)	6.1E-01	1.4E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	100414	Ethyl benzene	4.1E+00	9.2E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	50000	Formaldehyde	2.3E+01	5.2E-03
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	110543	Hexane	4.3E+02	9.8E-02
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7647010	Hydrochloric acid	1.9E+02	4.3E-02
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7783064	Hydrogen sulfide	1.8E+01	4.2E-03
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7439921	Lead	5.7E-01	1.3E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7439965	Manganese	1.1E+00	2.4E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7439976	Mercury	5.5E-02	1.3E-05
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	91203	Naphthalene	1.1E-01	2.5E-05
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7440020	Nickel	1.1E+00	2.6E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	108952	Phenol	1.1E+00	2.4E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	115071	Propylene	4.7E-01	1.1E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7782492	Selenium	1.1E+00	2.6E-04
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	7664939	Sulfuric acid	4.2E+01	9.6E-03
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	108883	Toluene	1.9E+01	4.4E-03
Boiler Heater	4166	F-610 ISOCRACKER FEED FURNACE	1330207	Xylenes (mixed)	9.5E+00	2.2E-03
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	75070	Acetaldehyde	2.2E+01	5.1E-03
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	107028	Acrolein	7.6E+00	1.7E-03
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7664417	Ammonia	6.1E+01	1.4E-02
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7440382	Arsenic	3.6E-01	8.2E-05
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	71432	Benzene	2.0E+01	4.7E-03
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	50328	Benzo[a]pyrene	2.8E-02	6.3E-06
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7440417	Beryllium	6.3E-03	1.4E-06
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7440439	Cadmium	2.6E-01	5.8E-05
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	75150	Carbon disulfide	9.2E-01	2.1E-04
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	18540299	Chromium, hexavalent (& compounds)	5.3E-02	1.2E-05
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7440508	Copper	2.4E+00	5.6E-04
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	57125	Cyanide compounds (inorganic)	1.1E+00	2.6E-04
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	100414	Ethyl benzene	7.6E+00	1.7E-03
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	50000	Formaldehyde	4.3E+01	9.7E-03
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	110543	Hexane	8.0E+02	1.8E-01
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7647010	Hydrochloric acid	3.5E+02	8.0E-02
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7783064	Hydrogen sulfide	3.5E+01	7.9E-03
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7439921	Lead	1.1E+00	2.4E-04
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7439965	Manganese	2.0E+00	4.5E-04
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7439976	Mercury	1.0E-01	2.4E-05
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	91203	Naphthalene	2.0E-01	4.6E-05
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7440020	Nickel	2.1E+00	4.8E-04
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	108952	Phenol	2.0E+00	4.5E-04
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	115071	Propylene	8.8E-01	2.0E-04
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7782492	Selenium	2.1E+00	4.8E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	7664939	Sulfuric acid	7.9E+01	1.8E-02
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	108883	Toluene	3.6E+01	8.2E-03
Boiler Heater	4167	F-710 TKC FRACTIONATOR ISOMAX	1330207	Xylenes (mixed)	1.8E+01	4.1E-03
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	75070	Acetaldehyde	4.9E+01	1.1E-02
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	107028	Acrolein	1.7E+01	3.8E-03
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7664417	Ammonia	1.4E+02	3.1E-02
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7440382	Arsenic	8.0E-01	1.8E-04
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	71432	Benzene	4.5E+01	1.0E-02
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	50328	Benzo[a]pyrene	6.1E-02	1.4E-05
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7440417	Beryllium	1.4E-02	3.2E-06
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7440439	Cadmium	5.7E-01	1.3E-04
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	75150	Carbon disulfide	1.9E+00	4.4E-04
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	18540299	Chromium, hexavalent (& compounds)	1.2E-01	2.7E-05
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7440508	Copper	5.4E+00	1.2E-03
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	57125	Cyanide compounds (inorganic)	2.5E+00	5.8E-04
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	100414	Ethyl benzene	1.7E+01	3.8E-03
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	50000	Formaldehyde	9.4E+01	2.2E-02
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	110543	Hexane	1.8E+03	4.1E-01
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7647010	Hydrochloric acid	7.7E+02	1.8E-01
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7783064	Hydrogen sulfide	7.6E+01	1.7E-02
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7439921	Lead	2.3E+00	5.3E-04
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7439965	Manganese	4.4E+00	1.0E-03
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7439976	Mercury	2.3E-01	5.2E-05
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	91203	Naphthalene	4.5E-01	1.0E-04
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7440020	Nickel	4.7E+00	1.1E-03
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	108952	Phenol	4.4E+00	1.0E-03
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	115071	Propylene	1.9E+00	4.4E-04
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7782492	Selenium	4.7E+00	1.1E-03
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	7664939	Sulfuric acid	1.7E+02	4.0E-02
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	108883	Toluene	8.0E+01	1.8E-02
Boiler Heater	4168	F-730 ISOCRACKER SPLITTER FEED FURNACE	1330207	Xylenes (mixed)	3.9E+01	9.0E-03
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	75070	Acetaldehyde	6.2E+01	1.4E-02
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	107028	Acrolein	2.1E+01	4.8E-03
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7664417	Ammonia	1.7E+02	3.9E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7440382	Arsenic	1.0E+00	2.3E-04
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	71432	Benzene	5.7E+01	1.3E-02
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	50328	Benzo[a]pyrene	7.6E-02	1.7E-05
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7440417	Beryllium	1.7E-02	4.0E-06
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7440439	Cadmium	7.1E-01	1.6E-04
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	75150	Carbon disulfide	2.6E+00	6.0E-04
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	18540299	Chromium, hexavalent (& compounds)	9.2E-02	2.1E-05
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7440508	Copper	6.8E+00	1.6E-03
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	57125	Cyanide compounds (inorganic)	3.2E+00	7.2E-04
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	100414	Ethyl benzene	2.1E+01	4.8E-03
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	50000	Formaldehyde	1.2E+02	2.7E-02
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	110543	Hexane	2.2E+03	5.1E-01
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7647010	Hydrochloric acid	9.7E+02	2.2E-01
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7783064	Hydrogen sulfide	9.6E+01	2.2E-02
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7439921	Lead	2.9E+00	6.7E-04
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7439965	Manganese	5.5E+00	1.3E-03
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7439976	Mercury	2.9E-01	6.5E-05
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	91203	Naphthalene	5.6E-01	1.3E-04
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7440020	Nickel	5.9E+00	1.3E-03
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	108952	Phenol	5.5E+00	1.3E-03
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	115071	Propylene	2.4E+00	5.6E-04
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7782492	Selenium	5.9E+00	1.3E-03
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	7664939	Sulfuric acid	2.2E+02	5.0E-02
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	108883	Toluene	1.0E+02	2.3E-02
Boiler Heater	4169	F-731 ISOCRACKER REBOILER	1330207	Xylenes (mixed)	4.9E+01	1.1E-02
Cooling Towers	4172	ISOMAX COOLING TOWER -E-261	67663	Chloroform	5.1E+01	1.2E-02
Cooling Towers	4172	ISOMAX COOLING TOWER -E-261	100414	Ethyl benzene	5.1E+01	1.2E-02
Cooling Towers	4172	ISOMAX COOLING TOWER -E-261	78933	Methyl ethyl ketone {2-Butanone}	2.0E+02	4.6E-02
Cooling Towers	4172	ISOMAX COOLING TOWER -E-261	108883	Toluene	5.1E+01	1.2E-02
Cooling Towers	4172	ISOMAX COOLING TOWER -E-261	1330207	Xylenes (mixed)	5.1E+01	1.2E-02
Cooling Towers	4173	FCC COOLING TOWER 2-710	75150	Carbon disulfide	5.7E+01	1.3E-02
Cooling Towers	4173	FCC COOLING TOWER 2-710	67663	Chloroform	5.7E+01	1.3E-02
Cooling Towers	4173	FCC COOLING TOWER 2-710	117817	Di(2-ethylhexyl) phthalate	4.6E+00	1.1E-03
Cooling Towers	4173	FCC COOLING TOWER 2-710	91203	Naphthalene	5.7E+01	1.3E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Cooling Towers	4173	FCC COOLING TOWER 2-710	108952	Phenol	2.3E+00	5.2E-04
Cooling Towers	4187	FCC POLYMER COOLING TOWER E-781	88062	2,4,6-Trichlorophenol	2.0E-01	4.5E-05
Cooling Towers	4187	FCC POLYMER COOLING TOWER E-781	67663	Chloroform	1.9E+00	4.4E-04
Cooling Towers	4187	FCC POLYMER COOLING TOWER E-781	117817	Di(2-ethylhexyl) phthalate	1.5E-01	3.5E-05
Cooling Towers	4187	FCC POLYMER COOLING TOWER E-781	91203	Naphthalene	3.8E-02	8.7E-06
Cooling Towers	4187	FCC POLYMER COOLING TOWER E-781	108952	Phenol	7.7E-02	1.8E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	75070	Acetaldehyde	4.5E+00	1.0E-03
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	107028	Acrolein	1.6E+00	3.5E-04
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7664417	Ammonia	1.2E+01	2.8E-03
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7440382	Arsenic	7.3E-02	1.7E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	71432	Benzene	4.2E+00	9.5E-04
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	50328	Benzo[a]pyrene	5.6E-03	1.3E-06
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7440417	Beryllium	1.3E-03	2.9E-07
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7440439	Cadmium	5.2E-02	1.2E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	75150	Carbon disulfide	2.0E-01	4.6E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	18540299	Chromium, hexavalent (& compounds)	1.1E-02	2.5E-06
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7440508	Copper	5.0E-01	1.1E-04
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	57125	Cyanide compounds (inorganic)	2.3E-01	5.3E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	100414	Ethyl benzene	1.5E+00	3.5E-04
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	50000	Formaldehyde	8.7E+00	2.0E-03
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	110543	Hexane	1.6E+02	3.7E-02
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7647010	Hydrochloric acid	7.1E+01	1.6E-02
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7783064	Hydrogen sulfide	7.0E+00	1.6E-03
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7439921	Lead	2.2E-01	4.9E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7439965	Manganese	4.0E-01	9.2E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7439976	Mercury	2.1E-02	4.8E-06
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	91203	Naphthalene	4.1E-02	9.4E-06
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7440020	Nickel	4.3E-01	9.9E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	108952	Phenol	4.0E-01	9.2E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	115071	Propylene	1.8E-01	4.1E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7782492	Selenium	4.3E-01	9.9E-05
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	7664939	Sulfuric acid	1.6E+01	3.7E-03
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	108883	Toluene	7.3E+00	1.7E-03
Boiler Heater	4188	F-651 Polymer Furnace/Low NOx Burners	1330207	Xylenes (mixed)	3.6E+00	8.3E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	75070	Acetaldehyde	2.9E+00	6.7E-04
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	107028	Acrolein	6.5E-01	1.5E-04
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7664417	Ammonia	8.0E+00	1.8E-03
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7440382	Arsenic	4.7E-02	1.1E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	71432	Benzene	2.7E+00	6.1E-04
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	50328	Benzo[a]pyrene	2.3E-03	5.3E-07
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7440417	Beryllium	8.2E-04	1.9E-07
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7440439	Cadmium	3.4E-02	7.6E-06
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	75150	Carbon disulfide	7.9E-02	1.8E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	18540299	Chromium, hexavalent (& compounds)	7.0E-03	1.6E-06
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7440508	Copper	3.2E-01	7.3E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	57125	Cyanide compounds (inorganic)	1.5E-01	3.4E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	100414	Ethyl benzene	1.0E+00	2.3E-04
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	50000	Formaldehyde	5.6E+00	1.3E-03
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	110543	Hexane	6.8E+01	1.6E-02
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7647010	Hydrochloric acid	4.6E+01	1.0E-02
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7783064	Hydrogen sulfide	4.5E+00	1.0E-03
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7439921	Lead	1.4E-01	3.2E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7439965	Manganese	2.6E-01	5.9E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7439976	Mercury	1.4E-02	3.1E-06
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	91203	Naphthalene	2.7E-02	6.1E-06
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7440020	Nickel	2.8E-01	6.4E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	108952	Phenol	2.6E-01	5.9E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	115071	Propylene	1.2E-01	2.6E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7782492	Selenium	2.8E-01	6.4E-05
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	7664939	Sulfuric acid	1.0E+01	2.4E-03
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	108883	Toluene	4.7E+00	1.1E-03
Boiler Heater	4189	F-661 Polymer Furnace/Low NOx Burners	1330207	Xylenes (mixed)	2.3E+00	5.3E-04
Cooling Towers	4191	Alkane Cooling Water Tower	67663	Chloroform	6.9E+00	1.6E-03
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	75070	Acetaldehyde	1.3E+00	3.1E-04
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	107028	Acrolein	8.4E-01	1.9E-04
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7440382	Arsenic	6.3E-02	1.4E-05
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	71432	Benzene	2.5E+00	5.7E-04
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	50328	Benzo[a]pyrene	2.1E-03	4.8E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7440417	Beryllium	1.9E-03	4.3E-07
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7440439	Cadmium	3.4E-01	7.9E-05
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7440508	Copper	2.7E-01	6.1E-05
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	100414	Ethyl benzene	3.0E+00	6.8E-04
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	50000	Formaldehyde	6.9E+01	1.6E-02
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	110543	Hexane	2.0E+00	4.5E-04
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7439921	Lead	1.6E-01	3.6E-05
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7439965	Manganese	1.2E-01	2.7E-05
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7439976	Mercury	8.1E-02	1.9E-05
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	91203	Naphthalene	1.9E-01	4.4E-05
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7440020	Nickel	6.6E-01	1.5E-04
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	115071	Propylene	2.3E+02	5.2E-02
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7782492	Selenium	3.8E-03	8.6E-07
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	108883	Toluene	1.1E+01	2.6E-03
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	7440622	Vanadium (fume or dust)	7.2E-01	1.6E-04
Boiler Heater	4194	F-2370 Tail Gas Heater SRU	1330207	Xylenes (mixed)	8.5E+00	1.9E-03
Sulfur Plant	4227	SRU #1 Train	7783064	Hydrogen sulfide	2.6E+03	6.0E-01
Sulfur Plant	4227	SRU #1 Train	7664939	Sulfuric acid	4.8E+03	5.5E-01
Sulfur Plant	4228	SRU #2 Train	7783064	Hydrogen sulfide	1.7E+02	3.8E-02
Sulfur Plant	4228	SRU #2 Train	7664939	Sulfuric acid	2.1E+02	3.8E-02
Sulfur Plant	4229	SRU #3 Train	7783064	Hydrogen sulfide	2.0E+02	4.6E-02
Sulfur Plant	4229	SRU #3 Train	7664939	Sulfuric acid	1.6E+04	2.3E+00
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin	3.7E-08	8.5E-12
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	71432	Benzene	9.1E-01	2.1E-04
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	50328	Benzo[a]pyrene	3.0E-07	6.9E-11
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	7782505	Chlorine	4.2E+00	9.5E-04
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	7647010	Hydrochloric acid	3.3E-01	7.5E-05
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	91203	Naphthalene	7.9E-03	1.8E-06
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	1336363	PCBs {Polychlorinated biphenyls}	5.9E-04	1.3E-07
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	127184	Perchloroethylene {Tetrachloroethene}	1.6E-02	3.7E-06
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	108883	Toluene	2.1E+01	4.7E-03
Boiler Heater	4237	NO. 5 RHENIFORMER, 23,000 BPD	1330207	Xylenes (mixed)	2.6E+00	6.0E-04
Other	4238	LIQUID PETROLEUM GAS LOADING RACK #4238	115071	Propylene	2.2E+00	5.1E-04
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin	3.8E-08	8.7E-12

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	71432	Benzene	9.2E-01	2.1E-04
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	50328	Benzo[a]pyrene	3.1E-07	7.0E-11
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	7782505	Chlorine	4.2E+00	9.7E-04
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	7647010	Hydrochloric acid	1.6E-01	3.7E-05
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	91203	Naphthalene	8.0E-03	1.8E-06
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	1336363	PCBs {Polychlorinated biphenyls}	6.0E-04	1.4E-07
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	127184	Perchloroethylene {Tetrachloroethene}	1.9E-02	4.4E-06
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	108883	Toluene	2.7E+01	6.1E-03
Boiler Heater	4283	NO. 4 CATALYTIC REFORMER, 28,000 BPD	1330207	Xylenes (mixed)	3.3E+00	7.5E-04
Catalytic Cracking	4285	FCC Plant	106990	1,3-Butadiene	6.6E-01	1.5E-04
Catalytic Cracking	4285	FCC Plant	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin	5.6E-06	1.3E-09
Catalytic Cracking	4285	FCC Plant	75070	Acetaldehyde	2.6E+02	5.9E-02
Catalytic Cracking	4285	FCC Plant	107028	Acrolein	2.0E+01	4.6E-03
Catalytic Cracking	4285	FCC Plant	7664417	Ammonia	6.9E+04	1.6E+01
Catalytic Cracking	4285	FCC Plant	7440382	Arsenic	1.8E-01	4.0E-05
Catalytic Cracking	4285	FCC Plant	71432	Benzene	5.6E-02	1.3E-05
Catalytic Cracking	4285	FCC Plant	50328	Benzo[a]pyrene	7.7E-02	1.7E-05
Catalytic Cracking	4285	FCC Plant	7440417	Beryllium	2.7E-02	6.2E-06
Catalytic Cracking	4285	FCC Plant	7440439	Cadmium	5.4E-02	1.2E-05
Catalytic Cracking	4285	FCC Plant	75150	Carbon disulfide	1.1E+01	2.6E-03
Catalytic Cracking	4285	FCC Plant	18540299	Chromium, hexavalent (& compounds)	5.8E-02	1.3E-05
Catalytic Cracking	4285	FCC Plant	7440508	Copper	1.8E+00	4.1E-04
Catalytic Cracking	4285	FCC Plant	57125	Cyanide compounds (inorganic)	7.1E+02	1.6E-01
Catalytic Cracking	4285	FCC Plant	100414	Ethyl benzene	2.0E+02	4.6E-02
Catalytic Cracking	4285	FCC Plant	50000	Formaldehyde	9.8E+02	2.2E-01
Catalytic Cracking	4285	FCC Plant	7647010	Hydrochloric acid	1.1E+04	2.4E+00
Catalytic Cracking	4285	FCC Plant	74908	Hydrocyanic acid	7.4E+04	1.7E+01
Catalytic Cracking	4285	FCC Plant	7783064	Hydrogen sulfide	1.5E+03	3.5E-01
Catalytic Cracking	4285	FCC Plant	7439921	Lead	4.3E+00	9.8E-04
Catalytic Cracking	4285	FCC Plant	7439965	Manganese	4.1E-01	9.3E-05
Catalytic Cracking	4285	FCC Plant	7439976	Mercury	4.0E-01	9.2E-05
Catalytic Cracking	4285	FCC Plant	74839	Methyl bromide {Bromomethane}	4.2E+01	9.6E-03
Catalytic Cracking	4285	FCC Plant	75092	Methylene chloride {Dichloromethane}	1.3E+02	3.1E-02
Catalytic Cracking	4285	FCC Plant	91203	Naphthalene	6.7E+00	1.5E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Catalytic Cracking	4285	FCC Plant	7440020	Nickel	1.3E+01	2.9E-03
Catalytic Cracking	4285	FCC Plant	13463393	Nickel carbonyl	2.8E+01	6.3E-03
Catalytic Cracking	4285	FCC Plant	108952	Phenol	4.5E+00	1.0E-03
Catalytic Cracking	4285	FCC Plant	7782492	Selenium	5.8E-01	1.3E-04
Catalytic Cracking	4285	FCC Plant	108883	Toluene	1.8E+02	4.0E-02
Catalytic Cracking	4285	FCC Plant	7440622	Vanadium (fume or dust)	2.6E+01	6.0E-03
Catalytic Cracking	4285	FCC Plant	1330207	Xylenes (mixed)	4.1E+02	9.3E-02
Cooling Towers	4329	RLOP Cooling Tower	75014	Vinyl chloride	2.2E+01	5.0E-03
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	75070	Acetaldehyde	2.1E+00	4.7E-04
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7664417	Ammonia	2.1E+01	4.7E-03
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7440382	Arsenic	2.5E-02	5.8E-06
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	71432	Benzene	1.8E+00	4.2E-04
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	50328	Benzo[a]pyrene	2.0E-03	4.6E-07
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7440417	Beryllium	4.4E-04	1.0E-07
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7440439	Cadmium	1.9E-05	4.3E-09
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	75150	Carbon disulfide	1.5E-01	3.4E-05
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	18540299	Chromium, hexavalent (& compounds)	2.9E-03	6.6E-07
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7440508	Copper	1.7E-01	3.9E-05
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	57125	Cyanide compounds (inorganic)	8.0E-02	1.8E-05
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	100414	Ethyl benzene	5.8E-01	1.3E-04
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	50000	Formaldehyde	5.7E+00	1.3E-03
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7647010	Hydrochloric acid	2.5E+01	5.6E-03
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7783064	Hydrogen sulfide	7.3E-01	1.7E-04
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7439921	Lead	7.5E-02	1.7E-05
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7439965	Manganese	1.4E-01	3.2E-05
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7439976	Mercury	1.2E-04	2.7E-08
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	91203	Naphthalene	5.5E-02	1.3E-05
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7440020	Nickel	1.6E-03	3.5E-07
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	108952	Phenol	1.4E-01	3.2E-05
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	115071	Propylene	8.6E+00	2.0E-03
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7782492	Selenium	9.7E-04	2.2E-07
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7664939	Sulfuric acid	2.0E+00	4.6E-04
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	108883	Toluene	3.6E+00	8.2E-04
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	7440622	Vanadium (fume or dust)	1.3E-04	3.1E-08

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4330	HNHF Reactor Furnace, F-1610	1330207	Xylenes (mixed)	1.8E+00	4.1E-04
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	75070	Acetaldehyde	5.0E+00	1.1E-03
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	107028	Acrolein	1.7E+00	3.9E-04
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7664417	Ammonia	1.4E+01	3.1E-03
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7440382	Arsenic	8.1E-02	1.8E-05
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	71432	Benzene	4.6E+00	1.1E-03
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	50328	Benzo[a]pyrene	6.2E-03	1.4E-06
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7440417	Beryllium	1.4E-03	3.2E-07
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7440439	Cadmium	5.7E-02	1.3E-05
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	75150	Carbon disulfide	2.1E-01	4.9E-05
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	18540299	Chromium, hexavalent (& compounds)	1.2E-02	2.7E-06
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7440508	Copper	5.5E-01	1.3E-04
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	57125	Cyanide compounds (inorganic)	2.6E-01	5.8E-05
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	100414	Ethyl benzene	1.7E+00	3.9E-04
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	50000	Formaldehyde	9.6E+00	2.2E-03
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	110543	Hexane	1.8E+02	4.1E-02
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7647010	Hydrochloric acid	7.8E+01	1.8E-02
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7783064	Hydrogen sulfide	7.7E+00	1.8E-03
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7439921	Lead	2.4E-01	5.4E-05
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7439965	Manganese	4.5E-01	1.0E-04
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7439976	Mercury	2.3E-02	5.3E-06
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	91203	Naphthalene	4.6E-02	1.0E-05
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7440020	Nickel	4.8E-01	1.1E-04
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	108952	Phenol	4.5E-01	1.0E-04
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	115071	Propylene	2.0E-01	4.5E-05
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7782492	Selenium	4.8E-01	1.1E-04
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	7664939	Sulfuric acid	1.8E+01	4.0E-03
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	108883	Toluene	8.1E+00	1.8E-03
Boiler Heater	4331	LNHF Reactor Furnace, F-1310	1330207	Xylenes (mixed)	4.0E+00	9.1E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	75070	Acetaldehyde	1.7E+01	3.9E-03
Boiler Heater	4332	Hot Oil Furnace, F-1360	107028	Acrolein	5.8E+00	1.3E-03
Boiler Heater	4332	Hot Oil Furnace, F-1360	7664417	Ammonia	4.6E+01	1.1E-02
Boiler Heater	4332	Hot Oil Furnace, F-1360	7440382	Arsenic	2.7E-01	6.2E-05
Boiler Heater	4332	Hot Oil Furnace, F-1360	71432	Benzene	1.6E+01	3.5E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4332	Hot Oil Furnace, F-1360	50328	Benzo[a]pyrene	2.1E-02	4.8E-06
Boiler Heater	4332	Hot Oil Furnace, F-1360	7440417	Beryllium	4.8E-03	1.1E-06
Boiler Heater	4332	Hot Oil Furnace, F-1360	7440439	Cadmium	1.9E-01	4.4E-05
Boiler Heater	4332	Hot Oil Furnace, F-1360	75150	Carbon disulfide	7.2E-01	1.7E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	18540299	Chromium, hexavalent (& compounds)	4.0E-02	9.2E-06
Boiler Heater	4332	Hot Oil Furnace, F-1360	7440508	Copper	1.9E+00	4.2E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	57125	Cyanide compounds (inorganic)	8.7E-01	2.0E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	100414	Ethyl benzene	5.8E+00	1.3E-03
Boiler Heater	4332	Hot Oil Furnace, F-1360	50000	Formaldehyde	3.2E+01	7.4E-03
Boiler Heater	4332	Hot Oil Furnace, F-1360	110543	Hexane	6.1E+02	1.4E-01
Boiler Heater	4332	Hot Oil Furnace, F-1360	7647010	Hydrochloric acid	2.7E+02	6.1E-02
Boiler Heater	4332	Hot Oil Furnace, F-1360	7783064	Hydrogen sulfide	2.6E+01	6.0E-03
Boiler Heater	4332	Hot Oil Furnace, F-1360	7439921	Lead	8.0E-01	1.8E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	7439965	Manganese	1.5E+00	3.4E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	7439976	Mercury	7.9E-02	1.8E-05
Boiler Heater	4332	Hot Oil Furnace, F-1360	91203	Naphthalene	1.5E-01	3.5E-05
Boiler Heater	4332	Hot Oil Furnace, F-1360	7440020	Nickel	1.6E+00	3.7E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	108952	Phenol	1.5E+00	3.4E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	115071	Propylene	6.7E-01	1.5E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	7782492	Selenium	1.6E+00	3.7E-04
Boiler Heater	4332	Hot Oil Furnace, F-1360	7664939	Sulfuric acid	6.0E+01	1.4E-02
Boiler Heater	4332	Hot Oil Furnace, F-1360	108883	Toluene	2.7E+01	6.2E-03
Boiler Heater	4332	Hot Oil Furnace, F-1360	1330207	Xylenes (mixed)	1.4E+01	3.1E-03
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	75070	Acetaldehyde	6.7E+00	1.5E-03
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	107028	Acrolein	2.3E+00	5.2E-04
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7664417	Ammonia	1.8E+01	4.2E-03
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7440382	Arsenic	1.1E-01	2.5E-05
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	71432	Benzene	6.1E+00	1.4E-03
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	50328	Benzo[a]pyrene	8.3E-03	1.9E-06
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7440417	Beryllium	1.9E-03	4.3E-07
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7440439	Cadmium	7.7E-02	1.8E-05
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	75150	Carbon disulfide	2.9E-01	6.5E-05
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	18540299	Chromium, hexavalent (& compounds)	1.6E-02	3.7E-06
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7440508	Copper	7.4E-01	1.7E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	57125	Cyanide compounds (inorganic)	3.4E-01	7.8E-05
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	100414	Ethyl benzene	2.3E+00	5.2E-04
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	50000	Formaldehyde	1.3E+01	2.9E-03
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	110543	Hexane	2.4E+02	5.5E-02
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7647010	Hydrochloric acid	1.1E+02	2.4E-02
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7783064	Hydrogen sulfide	1.0E+01	2.4E-03
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7439921	Lead	3.2E-01	7.3E-05
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7439965	Manganese	6.0E-01	1.4E-04
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7439976	Mercury	3.1E-02	7.1E-06
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	91203	Naphthalene	6.1E-02	1.4E-05
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7440020	Nickel	6.4E-01	1.5E-04
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	108952	Phenol	6.0E-01	1.4E-04
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	115071	Propylene	2.6E-01	6.0E-05
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7782492	Selenium	6.4E-01	1.5E-04
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	7664939	Sulfuric acid	2.4E+01	5.4E-03
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	108883	Toluene	1.1E+01	2.5E-03
Boiler Heater	4333	TKC Vacuum Furnace, F-1750	1330207	Xylenes (mixed)	5.4E+00	1.2E-03
Boiler Heater	4334	LNC Atmos Furnace, F-1200	75070	Acetaldehyde	4.6E+00	1.1E-03
Boiler Heater	4334	LNC Atmos Furnace, F-1200	107028	Acrolein	1.6E+00	3.6E-04
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7664417	Ammonia	1.3E+01	2.9E-03
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7440382	Arsenic	7.5E-02	1.7E-05
Boiler Heater	4334	LNC Atmos Furnace, F-1200	71432	Benzene	4.3E+00	9.7E-04
Boiler Heater	4334	LNC Atmos Furnace, F-1200	50328	Benzo[a]pyrene	5.7E-03	1.3E-06
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7440417	Beryllium	1.3E-03	3.0E-07
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7440439	Cadmium	5.3E-02	1.2E-05
Boiler Heater	4334	LNC Atmos Furnace, F-1200	75150	Carbon disulfide	2.0E-01	4.5E-05
Boiler Heater	4334	LNC Atmos Furnace, F-1200	18540299	Chromium, hexavalent (& compounds)	1.1E-02	2.5E-06
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7440508	Copper	5.1E-01	1.2E-04
Boiler Heater	4334	LNC Atmos Furnace, F-1200	57125	Cyanide compounds (inorganic)	2.4E-01	5.4E-05
Boiler Heater	4334	LNC Atmos Furnace, F-1200	100414	Ethyl benzene	1.6E+00	3.6E-04
Boiler Heater	4334	LNC Atmos Furnace, F-1200	50000	Formaldehyde	8.9E+00	2.0E-03
Boiler Heater	4334	LNC Atmos Furnace, F-1200	110543	Hexane	1.7E+02	3.8E-02
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7647010	Hydrochloric acid	7.3E+01	1.7E-02
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7783064	Hydrogen sulfide	7.2E+00	1.7E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7439921	Lead	2.2E-01	5.1E-05
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7439965	Manganese	4.1E-01	9.5E-05
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7439976	Mercury	2.2E-02	4.9E-06
Boiler Heater	4334	LNC Atmos Furnace, F-1200	91203	Naphthalene	4.2E-02	9.7E-06
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7440020	Nickel	4.4E-01	1.0E-04
Boiler Heater	4334	LNC Atmos Furnace, F-1200	108952	Phenol	4.1E-01	9.5E-05
Boiler Heater	4334	LNC Atmos Furnace, F-1200	115071	Propylene	1.8E-01	4.2E-05
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7782492	Selenium	4.4E-01	1.0E-04
Boiler Heater	4334	LNC Atmos Furnace, F-1200	7664939	Sulfuric acid	1.7E+01	3.8E-03
Boiler Heater	4334	LNC Atmos Furnace, F-1200	108883	Toluene	7.5E+00	1.7E-03
Boiler Heater	4334	LNC Atmos Furnace, F-1200	1330207	Xylenes (mixed)	3.7E+00	8.5E-04
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	75070	Acetaldehyde	7.0E+00	1.6E-03
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	107028	Acrolein	2.4E+00	5.5E-04
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7664417	Ammonia	1.9E+01	4.4E-03
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7440382	Arsenic	1.1E-01	2.6E-05
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	71432	Benzene	6.4E+00	1.5E-03
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	50328	Benzo[a]pyrene	8.7E-03	2.0E-06
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7440417	Beryllium	2.0E-03	4.5E-07
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7440439	Cadmium	8.0E-02	1.8E-05
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	75150	Carbon disulfide	3.0E-01	6.8E-05
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	18540299	Chromium, hexavalent (& compounds)	1.7E-02	3.8E-06
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7440508	Copper	7.7E-01	1.8E-04
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	57125	Cyanide compounds (inorganic)	3.6E-01	8.2E-05
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	100414	Ethyl benzene	2.4E+00	5.5E-04
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	50000	Formaldehyde	1.3E+01	3.1E-03
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	110543	Hexane	2.5E+02	5.8E-02
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7647010	Hydrochloric acid	1.1E+02	2.5E-02
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7783064	Hydrogen sulfide	1.1E+01	2.5E-03
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7439921	Lead	3.3E-01	7.6E-05
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7439965	Manganese	6.3E-01	1.4E-04
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7439976	Mercury	3.3E-02	7.4E-06
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	91203	Naphthalene	6.4E-02	1.5E-05
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7440020	Nickel	6.7E-01	1.5E-04
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	108952	Phenol	6.3E-01	1.4E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	115071	Propylene	2.8E-01	6.3E-05
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7782492	Selenium	6.7E-01	1.5E-04
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	7664939	Sulfuric acid	2.5E+01	5.7E-03
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	108883	Toluene	1.1E+01	2.6E-03
Boiler Heater	4335	LNC Vacuum Furnace, F-1250	1330207	Xylenes (mixed)	5.6E+00	1.3E-03
Boiler Heater	4336	HNC Reactor Furnace, F-1410	75070	Acetaldehyde	4.0E+00	9.0E-04
Boiler Heater	4336	HNC Reactor Furnace, F-1410	107028	Acrolein	1.4E+00	3.1E-04
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7664417	Ammonia	1.1E+01	2.5E-03
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7440382	Arsenic	6.4E-02	1.5E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	71432	Benzene	3.6E+00	8.3E-04
Boiler Heater	4336	HNC Reactor Furnace, F-1410	50328	Benzo[a]pyrene	4.9E-03	1.1E-06
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7440417	Beryllium	1.1E-03	2.5E-07
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7440439	Cadmium	4.6E-02	1.0E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	75150	Carbon disulfide	1.8E-01	4.0E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	18540299	Chromium, hexavalent (& compounds)	9.5E-03	2.2E-06
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7440508	Copper	4.4E-01	1.0E-04
Boiler Heater	4336	HNC Reactor Furnace, F-1410	57125	Cyanide compounds (inorganic)	2.0E-01	4.6E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	100414	Ethyl benzene	1.4E+00	3.1E-04
Boiler Heater	4336	HNC Reactor Furnace, F-1410	50000	Formaldehyde	7.6E+00	1.7E-03
Boiler Heater	4336	HNC Reactor Furnace, F-1410	110543	Hexane	1.4E+02	3.3E-02
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7647010	Hydrochloric acid	6.2E+01	1.4E-02
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7783064	Hydrogen sulfide	6.1E+00	1.4E-03
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7439921	Lead	1.9E-01	4.3E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7439965	Manganese	3.5E-01	8.1E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7439976	Mercury	1.8E-02	4.2E-06
Boiler Heater	4336	HNC Reactor Furnace, F-1410	91203	Naphthalene	3.6E-02	8.3E-06
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7440020	Nickel	3.8E-01	8.6E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	108952	Phenol	3.5E-01	8.1E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	115071	Propylene	1.6E-01	3.6E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7782492	Selenium	3.8E-01	8.6E-05
Boiler Heater	4336	HNC Reactor Furnace, F-1410	7664939	Sulfuric acid	1.4E+01	3.2E-03
Boiler Heater	4336	HNC Reactor Furnace, F-1410	108883	Toluene	6.4E+00	1.5E-03
Boiler Heater	4336	HNC Reactor Furnace, F-1410	1330207	Xylenes (mixed)	3.2E+00	7.3E-04
Boiler Heater	4337	HNC Atmos Furnace, F-1500	75070	Acetaldehyde	5.0E+00	1.1E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4337	HNC Atmos Furnace, F-1500	107028	Acrolein	1.7E+00	3.9E-04
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7664417	Ammonia	1.4E+01	3.1E-03
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7440382	Arsenic	8.1E-02	1.8E-05
Boiler Heater	4337	HNC Atmos Furnace, F-1500	71432	Benzene	4.6E+00	1.1E-03
Boiler Heater	4337	HNC Atmos Furnace, F-1500	50328	Benzo[a]pyrene	6.2E-03	1.4E-06
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7440417	Beryllium	1.4E-03	3.2E-07
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7440439	Cadmium	5.7E-02	1.3E-05
Boiler Heater	4337	HNC Atmos Furnace, F-1500	75150	Carbon disulfide	2.2E-01	5.1E-05
Boiler Heater	4337	HNC Atmos Furnace, F-1500	18540299	Chromium, hexavalent (& compounds)	1.2E-02	2.7E-06
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7440508	Copper	5.5E-01	1.3E-04
Boiler Heater	4337	HNC Atmos Furnace, F-1500	57125	Cyanide compounds (inorganic)	2.6E-01	5.8E-05
Boiler Heater	4337	HNC Atmos Furnace, F-1500	100414	Ethyl benzene	1.7E+00	3.9E-04
Boiler Heater	4337	HNC Atmos Furnace, F-1500	50000	Formaldehyde	9.6E+00	2.2E-03
Boiler Heater	4337	HNC Atmos Furnace, F-1500	110543	Hexane	1.8E+02	4.1E-02
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7647010	Hydrochloric acid	7.8E+01	1.8E-02
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7783064	Hydrogen sulfide	7.7E+00	1.8E-03
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7439921	Lead	2.4E-01	5.4E-05
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7439965	Manganese	4.5E-01	1.0E-04
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7439976	Mercury	2.3E-02	5.3E-06
Boiler Heater	4337	HNC Atmos Furnace, F-1500	91203	Naphthalene	4.6E-02	1.0E-05
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7440020	Nickel	4.8E-01	1.1E-04
Boiler Heater	4337	HNC Atmos Furnace, F-1500	108952	Phenol	4.5E-01	1.0E-04
Boiler Heater	4337	HNC Atmos Furnace, F-1500	115071	Propylene	2.0E-01	4.5E-05
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7782492	Selenium	4.8E-01	1.1E-04
Boiler Heater	4337	HNC Atmos Furnace, F-1500	7664939	Sulfuric acid	1.8E+01	4.0E-03
Boiler Heater	4337	HNC Atmos Furnace, F-1500	108883	Toluene	8.1E+00	1.8E-03
Boiler Heater	4337	HNC Atmos Furnace, F-1500	1330207	Xylenes (mixed)	4.0E+00	9.1E-04
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	75070	Acetaldehyde	6.5E+00	1.5E-03
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	107028	Acrolein	2.2E+00	5.1E-04
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7664417	Ammonia	1.8E+01	4.0E-03
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7440382	Arsenic	1.0E-01	2.4E-05
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	71432	Benzene	5.9E+00	1.4E-03
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	50328	Benzo[a]pyrene	8.0E-03	1.8E-06
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7440417	Beryllium	1.8E-03	4.2E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7440439	Cadmium	7.4E-02	1.7E-05
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	75150	Carbon disulfide	2.9E-01	6.6E-05
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	18540299	Chromium, hexavalent (& compounds)	1.5E-02	3.5E-06
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7440508	Copper	7.1E-01	1.6E-04
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	57125	Cyanide compounds (inorganic)	3.3E-01	7.6E-05
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	100414	Ethyl benzene	2.2E+00	5.0E-04
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	50000	Formaldehyde	1.2E+01	2.8E-03
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	110543	Hexane	2.3E+02	5.3E-02
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7647010	Hydrochloric acid	1.0E+02	2.3E-02
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7783064	Hydrogen sulfide	1.0E+01	2.3E-03
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7439921	Lead	3.1E-01	7.0E-05
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7439965	Manganese	5.8E-01	1.3E-04
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7439976	Mercury	3.0E-02	6.9E-06
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	91203	Naphthalene	5.9E-02	1.4E-05
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7440020	Nickel	6.2E-01	1.4E-04
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	108952	Phenol	5.8E-01	1.3E-04
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	115071	Propylene	2.6E-01	5.8E-05
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7782492	Selenium	6.2E-01	1.4E-04
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	7664939	Sulfuric acid	2.3E+01	5.2E-03
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	108883	Toluene	1.0E+01	2.4E-03
Boiler Heater	4338	HNC Vacuum Furnace, F-1550	1330207	Xylenes (mixed)	5.2E+00	1.2E-03
Boiler Heater	4339	LNC Reactor Furnace, F-1110	75070	Acetaldehyde	3.7E+00	8.3E-04
Boiler Heater	4339	LNC Reactor Furnace, F-1110	107028	Acrolein	1.3E+00	2.9E-04
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7664417	Ammonia	1.0E+01	2.3E-03
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7440382	Arsenic	5.9E-02	1.4E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	71432	Benzene	3.4E+00	7.7E-04
Boiler Heater	4339	LNC Reactor Furnace, F-1110	50328	Benzo[a]pyrene	4.5E-03	1.0E-06
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7440417	Beryllium	1.0E-03	2.4E-07
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7440439	Cadmium	4.2E-02	9.6E-06
Boiler Heater	4339	LNC Reactor Furnace, F-1110	75150	Carbon disulfide	1.6E-01	3.7E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	18540299	Chromium, hexavalent (& compounds)	8.7E-03	2.0E-06
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7440508	Copper	4.0E-01	9.2E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	57125	Cyanide compounds (inorganic)	1.9E-01	4.3E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	100414	Ethyl benzene	1.3E+00	2.9E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4339	LNC Reactor Furnace, F-1110	50000	Formaldehyde	7.0E+00	1.6E-03
Boiler Heater	4339	LNC Reactor Furnace, F-1110	110543	Hexane	1.3E+02	3.0E-02
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7647010	Hydrochloric acid	5.7E+01	1.3E-02
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7783064	Hydrogen sulfide	5.7E+00	1.3E-03
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7439921	Lead	1.7E-01	4.0E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7439965	Manganese	3.3E-01	7.4E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7439976	Mercury	1.7E-02	3.9E-06
Boiler Heater	4339	LNC Reactor Furnace, F-1110	91203	Naphthalene	3.3E-02	7.6E-06
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7440020	Nickel	3.5E-01	8.0E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	108952	Phenol	3.3E-01	7.4E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	115071	Propylene	1.4E-01	3.3E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7782492	Selenium	3.5E-01	8.0E-05
Boiler Heater	4339	LNC Reactor Furnace, F-1110	7664939	Sulfuric acid	1.3E+01	3.0E-03
Boiler Heater	4339	LNC Reactor Furnace, F-1110	108883	Toluene	5.9E+00	1.4E-03
Boiler Heater	4339	LNC Reactor Furnace, F-1110	1330207	Xylenes (mixed)	2.9E+00	6.7E-04
Other	4349	Furnace F-1650	75070	Acetaldehyde	1.8E+00	4.0E-04
Other	4349	Furnace F-1650	107028	Acrolein	1.6E-01	3.7E-05
Other	4349	Furnace F-1650	7664417	Ammonia	4.8E+00	1.1E-03
Other	4349	Furnace F-1650	7440382	Arsenic	2.9E-02	6.5E-06
Other	4349	Furnace F-1650	71432	Benzene	1.6E+00	3.7E-04
Other	4349	Furnace F-1650	50328	Benzo[a]pyrene	8.2E-05	1.9E-08
Other	4349	Furnace F-1650	7440417	Beryllium	5.0E-04	1.1E-07
Other	4349	Furnace F-1650	7440439	Cadmium	2.0E-02	4.6E-06
Other	4349	Furnace F-1650	18540299	Chromium, hexavalent (& compounds)	4.2E-03	9.6E-07
Other	4349	Furnace F-1650	7440508	Copper	1.9E-01	4.4E-05
Other	4349	Furnace F-1650	57125	Cyanide compounds (inorganic)	9.0E-02	2.1E-05
Other	4349	Furnace F-1650	100414	Ethyl benzene	6.0E-01	1.4E-04
Other	4349	Furnace F-1650	50000	Formaldehyde	3.4E+00	7.7E-04
Other	4349	Furnace F-1650	110543	Hexane	6.1E+01	1.4E-02
Other	4349	Furnace F-1650	7647010	Hydrochloric acid	2.8E+01	6.3E-03
Other	4349	Furnace F-1650	7783064	Hydrogen sulfide	2.7E+00	6.2E-04
Other	4349	Furnace F-1650	7439921	Lead	8.4E-02	1.9E-05
Other	4349	Furnace F-1650	7439965	Manganese	1.6E-01	3.6E-05
Other	4349	Furnace F-1650	7439976	Mercury	8.2E-03	1.9E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Other	4349	Furnace F-1650	91203	Naphthalene	1.6E-02	3.7E-06
Other	4349	Furnace F-1650	7440020	Nickel	1.7E-01	3.8E-05
Other	4349	Furnace F-1650	108952	Phenol	1.6E-01	3.6E-05
Other	4349	Furnace F-1650	115071	Propylene	7.0E-02	1.6E-05
Other	4349	Furnace F-1650	7782492	Selenium	1.7E-01	3.8E-05
Other	4349	Furnace F-1650	7664939	Sulfuric acid	6.3E+00	1.4E-03
Other	4349	Furnace F-1650	108883	Toluene	2.9E+00	6.5E-04
Other	4349	Furnace F-1650	1330207	Xylenes (mixed)	1.4E+00	3.2E-04
Cogeneration	4350	Gas Turbine with Steam Injection	106990	1,3-Butadiene	1.3E+00	2.9E-04
Cogeneration	4350	Gas Turbine with Steam Injection	75070	Acetaldehyde	2.6E+02	5.8E-02
Cogeneration	4350	Gas Turbine with Steam Injection	7664417	Ammonia	3.1E+04	7.1E+00
Cogeneration	4350	Gas Turbine with Steam Injection	7440382	Arsenic	9.4E-02	2.2E-05
Cogeneration	4350	Gas Turbine with Steam Injection	71432	Benzene	2.4E+02	5.5E-02
Cogeneration	4350	Gas Turbine with Steam Injection	7440417	Beryllium	3.8E-02	8.6E-06
Cogeneration	4350	Gas Turbine with Steam Injection	7440439	Cadmium	3.7E+00	8.4E-04
Cogeneration	4350	Gas Turbine with Steam Injection	18540299	Chromium, hexavalent (& compounds)	4.4E-02	1.0E-05
Cogeneration	4350	Gas Turbine with Steam Injection	7440484	Cobalt	4.5E-01	1.0E-04
Cogeneration	4350	Gas Turbine with Steam Injection	7440508	Copper	1.7E+01	3.9E-03
Cogeneration	4350	Gas Turbine with Steam Injection	100414	Ethyl benzene	5.3E+00	1.2E-03
Cogeneration	4350	Gas Turbine with Steam Injection	50000	Formaldehyde	3.5E+02	8.0E-02
Cogeneration	4350	Gas Turbine with Steam Injection	7783064	Hydrogen sulfide	2.3E+02	5.3E-02
Cogeneration	4350	Gas Turbine with Steam Injection	7439921	Lead	4.8E+00	1.1E-03
Cogeneration	4350	Gas Turbine with Steam Injection	7439965	Manganese	1.5E+02	3.4E-02
Cogeneration	4350	Gas Turbine with Steam Injection	7439976	Mercury	8.9E+00	2.0E-03
Cogeneration	4350	Gas Turbine with Steam Injection	91203	Naphthalene	4.0E+01	9.0E-03
Cogeneration	4350	Gas Turbine with Steam Injection	7440020	Nickel	1.3E+01	3.0E-03
Cogeneration	4350	Gas Turbine with Steam Injection	108952	Phenol	1.1E-03	2.5E-07
Cogeneration	4350	Gas Turbine with Steam Injection	75569	Propylene oxide	8.6E+01	2.0E-02
Cogeneration	4350	Gas Turbine with Steam Injection	7782492	Selenium	4.7E-01	1.1E-04
Cogeneration	4350	Gas Turbine with Steam Injection	108883	Toluene	1.9E+02	4.3E-02
Cogeneration	4350	Gas Turbine with Steam Injection	1330207	Xylenes (mixed)	6.0E+02	1.4E-01
Cogeneration	4351	Heat Recovery Steam Generator	75070	Acetaldehyde	2.1E+02	4.8E-02
Cogeneration	4351	Heat Recovery Steam Generator	7664417	Ammonia	1.1E+04	2.6E+00
Cogeneration	4351	Heat Recovery Steam Generator	7440382	Arsenic	3.5E+00	7.9E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Cogeneration	4351	Heat Recovery Steam Generator	71432	Benzene	8.8E+02	2.0E-01
Cogeneration	4351	Heat Recovery Steam Generator	7440417	Beryllium	6.0E-02	1.4E-05
Cogeneration	4351	Heat Recovery Steam Generator	7440439	Cadmium	2.5E+00	5.6E-04
Cogeneration	4351	Heat Recovery Steam Generator	56235	Carbon tetrachloride	2.2E+01	5.1E-03
Cogeneration	4351	Heat Recovery Steam Generator	67663	Chloroform	1.1E+02	2.5E-02
Cogeneration	4351	Heat Recovery Steam Generator	18540299	Chromium, hexavalent (& compounds)	5.1E-01	1.2E-04
Cogeneration	4351	Heat Recovery Steam Generator	7440508	Copper	2.4E+01	5.4E-03
Cogeneration	4351	Heat Recovery Steam Generator	57125	Cyanide compounds (inorganic)	1.9E+01	4.4E-03
Cogeneration	4351	Heat Recovery Steam Generator	100414	Ethyl benzene	2.0E+02	4.5E-02
Cogeneration	4351	Heat Recovery Steam Generator	107062	Ethylene dichloride {EDC}	3.8E+03	8.7E-01
Cogeneration	4351	Heat Recovery Steam Generator	50000	Formaldehyde	7.8E+03	1.8E+00
Cogeneration	4351	Heat Recovery Steam Generator	7647010	Hydrochloric acid	3.4E+03	7.7E-01
Cogeneration	4351	Heat Recovery Steam Generator	7783064	Hydrogen sulfide	3.3E+02	7.6E-02
Cogeneration	4351	Heat Recovery Steam Generator	7439921	Lead	3.7E+00	8.5E-04
Cogeneration	4351	Heat Recovery Steam Generator	7439965	Manganese	8.2E+00	1.9E-03
Cogeneration	4351	Heat Recovery Steam Generator	7439976	Mercury	1.0E+00	2.3E-04
Cogeneration	4351	Heat Recovery Steam Generator	71556	Methyl chloroform {1,1,1-Trichloroethane}	1.2E+02	2.7E-02
Cogeneration	4351	Heat Recovery Steam Generator	75092	Methylene chloride {Dichloromethane}	4.5E+03	1.0E+00
Cogeneration	4351	Heat Recovery Steam Generator	91203	Naphthalene	5.2E+01	1.2E-02
Cogeneration	4351	Heat Recovery Steam Generator	7440020	Nickel	2.4E+01	5.6E-03
Cogeneration	4351	Heat Recovery Steam Generator	127184	Perchloroethylene {Tetrachloroethene}	2.4E+01	5.6E-03
Cogeneration	4351	Heat Recovery Steam Generator	108952	Phenol	9.2E+01	2.1E-02
Cogeneration	4351	Heat Recovery Steam Generator	7782492	Selenium	8.2E+00	1.9E-03
Cogeneration	4351	Heat Recovery Steam Generator	7664939	Sulfuric acid	7.6E+02	1.7E-01
Cogeneration	4351	Heat Recovery Steam Generator	108883	Toluene	1.7E+02	3.9E-02
Cogeneration	4351	Heat Recovery Steam Generator	79016	Trichloroethylene	1.1E+02	2.4E-02
Cogeneration	4351	Heat Recovery Steam Generator	1330207	Xylenes (mixed)	2.0E+02	4.5E-02
Cogeneration	4352	Gas Turbine with Steam Injection	106990	1,3-Butadiene	1.2E+00	2.8E-04
Cogeneration	4352	Gas Turbine with Steam Injection	75070	Acetaldehyde	2.4E+02	5.6E-02
Cogeneration	4352	Gas Turbine with Steam Injection	7664417	Ammonia	3.0E+04	6.7E+00
Cogeneration	4352	Gas Turbine with Steam Injection	7440382	Arsenic	9.0E-02	2.1E-05
Cogeneration	4352	Gas Turbine with Steam Injection	71432	Benzene	2.3E+02	5.3E-02
Cogeneration	4352	Gas Turbine with Steam Injection	7440417	Beryllium	3.6E-02	8.2E-06
Cogeneration	4352	Gas Turbine with Steam Injection	7440439	Cadmium	3.5E+00	8.0E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Cogeneration	4352	Gas Turbine with Steam Injection	18540299	Chromium, hexavalent (& compounds)	4.2E-02	9.6E-06
Cogeneration	4352	Gas Turbine with Steam Injection	7440484	Cobalt	4.3E-01	9.8E-05
Cogeneration	4352	Gas Turbine with Steam Injection	7440508	Copper	1.6E+01	3.7E-03
Cogeneration	4352	Gas Turbine with Steam Injection	100414	Ethyl benzene	5.0E+00	1.1E-03
Cogeneration	4352	Gas Turbine with Steam Injection	50000	Formaldehyde	3.4E+02	7.7E-02
Cogeneration	4352	Gas Turbine with Steam Injection	7783064	Hydrogen sulfide	2.2E+02	5.0E-02
Cogeneration	4352	Gas Turbine with Steam Injection	7439921	Lead	4.6E+00	1.0E-03
Cogeneration	4352	Gas Turbine with Steam Injection	7439965	Manganese	1.4E+02	3.2E-02
Cogeneration	4352	Gas Turbine with Steam Injection	7439976	Mercury	8.5E+00	1.9E-03
Cogeneration	4352	Gas Turbine with Steam Injection	91203	Naphthalene	3.8E+01	8.6E-03
Cogeneration	4352	Gas Turbine with Steam Injection	7440020	Nickel	1.3E+01	2.9E-03
Cogeneration	4352	Gas Turbine with Steam Injection	108952	Phenol	1.0E-03	2.4E-07
Cogeneration	4352	Gas Turbine with Steam Injection	75569	Propylene oxide	8.2E+01	1.9E-02
Cogeneration	4352	Gas Turbine with Steam Injection	7782492	Selenium	4.5E-01	1.0E-04
Cogeneration	4352	Gas Turbine with Steam Injection	108883	Toluene	1.8E+02	4.1E-02
Cogeneration	4352	Gas Turbine with Steam Injection	1330207	Xylenes (mixed)	5.7E+02	1.3E-01
Cogeneration	4353	Heat Recovery Steam Generator	75070	Acetaldehyde	2.0E+02	4.6E-02
Cogeneration	4353	Heat Recovery Steam Generator	107028	Acrolein	5.1E+01	1.2E-02
Cogeneration	4353	Heat Recovery Steam Generator	7664417	Ammonia	1.1E+04	2.5E+00
Cogeneration	4353	Heat Recovery Steam Generator	7440382	Arsenic	3.3E+00	7.6E-04
Cogeneration	4353	Heat Recovery Steam Generator	71432	Benzene	8.5E+02	1.9E-01
Cogeneration	4353	Heat Recovery Steam Generator	7440417	Beryllium	5.8E-02	1.3E-05
Cogeneration	4353	Heat Recovery Steam Generator	7440439	Cadmium	2.4E+00	5.4E-04
Cogeneration	4353	Heat Recovery Steam Generator	75150	Carbon disulfide	3.7E+00	8.4E-04
Cogeneration	4353	Heat Recovery Steam Generator	56235	Carbon tetrachloride	2.2E+01	4.9E-03
Cogeneration	4353	Heat Recovery Steam Generator	67663	Chloroform	1.0E+02	2.4E-02
Cogeneration	4353	Heat Recovery Steam Generator	18540299	Chromium, hexavalent (& compounds)	4.9E-01	1.1E-04
Cogeneration	4353	Heat Recovery Steam Generator	7440508	Copper	2.3E+01	5.2E-03
Cogeneration	4353	Heat Recovery Steam Generator	57125	Cyanide compounds (inorganic)	1.9E+01	4.2E-03
Cogeneration	4353	Heat Recovery Steam Generator	100414	Ethyl benzene	1.9E+02	4.3E-02
Cogeneration	4353	Heat Recovery Steam Generator	107062	Ethylene dichloride {EDC}	3.7E+03	8.4E-01
Cogeneration	4353	Heat Recovery Steam Generator	50000	Formaldehyde	7.5E+03	1.7E+00
Cogeneration	4353	Heat Recovery Steam Generator	7647010	Hydrochloric acid	3.2E+03	7.4E-01
Cogeneration	4353	Heat Recovery Steam Generator	7783064	Hydrogen sulfide	3.2E+02	7.3E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Cogeneration	4353	Heat Recovery Steam Generator	7439921	Lead	3.6E+00	8.2E-04
Cogeneration	4353	Heat Recovery Steam Generator	7439965	Manganese	7.9E+00	1.8E-03
Cogeneration	4353	Heat Recovery Steam Generator	7439976	Mercury	9.6E-01	2.2E-04
Cogeneration	4353	Heat Recovery Steam Generator	71556	Methyl chloroform {1,1,1-Trichloroethane}	1.2E+02	2.6E-02
Cogeneration	4353	Heat Recovery Steam Generator	75092	Methylene chloride {Dichloromethane}	4.3E+03	9.9E-01
Cogeneration	4353	Heat Recovery Steam Generator	91203	Naphthalene	5.0E+01	1.1E-02
Cogeneration	4353	Heat Recovery Steam Generator	7440020	Nickel	2.3E+01	5.4E-03
Cogeneration	4353	Heat Recovery Steam Generator	127184	Perchloroethylene {Tetrachloroethene}	2.3E+01	5.4E-03
Cogeneration	4353	Heat Recovery Steam Generator	108952	Phenol	8.9E+01	2.0E-02
Cogeneration	4353	Heat Recovery Steam Generator	7782492	Selenium	7.9E+00	1.8E-03
Cogeneration	4353	Heat Recovery Steam Generator	7664939	Sulfuric acid	7.3E+02	1.7E-01
Cogeneration	4353	Heat Recovery Steam Generator	108883	Toluene	1.6E+02	3.7E-02
Cogeneration	4353	Heat Recovery Steam Generator	79016	Trichloroethylene	1.0E+02	2.3E-02
Cogeneration	4353	Heat Recovery Steam Generator	1330207	Xylenes (mixed)	1.9E+02	4.3E-02
Storage Tank	4365	Tri-Act 1825 Chemical Tote	111422	Diethanolamine	8.3E+01	1.9E-02
Storage Tank	4366	Tri-Act 1803 & 1825 Chemical Tote - Power Plant	111422	Diethanolamine	2.4E-01	5.4E-05
Storage Tank	4367	Tri-Act 1803 & 1825 Chemical Tote - RLOP	111422	Diethanolamine	2.4E-01	5.4E-05
Storage Tank	4368	Tri-Act 1803 & 1825 Chemical Tote - SRU	111422	Diethanolamine	3.1E+01	7.2E-03
Storage Tank	4369	Tri-Act 1803 & 1825 Chemical Tote - LSFO/D&R	111422	Diethanolamine	1.3E+01	2.9E-03
Storage Tank	4374	Fixed Roof Tank,400-gallon capacity,Chemical Tote,Flocculent	91203	Naphthalene	5.0E-02	1.1E-05
Wastewater Treatment	4392	Wetland Marsh	71432	Benzene	2.2E+00	5.0E-04
Wastewater Treatment	4392	Wetland Marsh	67663	Chloroform	1.7E-01	3.9E-05
Wastewater Treatment	4392	Wetland Marsh	1319773	Cresols (mixtures of) {Cresylic acid}	3.4E-04	7.8E-08
Wastewater Treatment	4392	Wetland Marsh	100414	Ethyl benzene	8.9E-02	2.0E-05
Wastewater Treatment	4392	Wetland Marsh	78933	Methyl ethyl ketone {2-Butanone}	1.6E+01	3.6E-03
Wastewater Treatment	4392	Wetland Marsh	91203	Naphthalene	1.9E-01	4.4E-05
Wastewater Treatment	4392	Wetland Marsh	108952	Phenol	7.2E-04	1.7E-07
Wastewater Treatment	4392	Wetland Marsh	108883	Toluene	2.6E-01	6.0E-05
Wastewater Treatment	4392	Wetland Marsh	1330207	Xylenes (mixed)	6.1E-01	1.4E-04
Wastewater Treatment	4393	BIO-REACTOR	71432	Benzene	4.2E+02	9.7E-02
Wastewater Treatment	4393	BIO-REACTOR	67663	Chloroform	1.4E+01	3.1E-03
Wastewater Treatment	4393	BIO-REACTOR	1319773	Cresols (mixtures of) {Cresylic acid}	1.9E+00	4.2E-04
Wastewater Treatment	4393	BIO-REACTOR	100414	Ethyl benzene	4.9E+01	1.1E-02
Wastewater Treatment	4393	BIO-REACTOR	78933	Methyl ethyl ketone {2-Butanone}	5.6E+01	1.3E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Wastewater Treatment	4393	BIO-REACTOR	91203	Naphthalene	8.3E+00	1.9E-03
Wastewater Treatment	4393	BIO-REACTOR	108952	Phenol	2.2E+00	5.0E-04
Wastewater Treatment	4393	BIO-REACTOR	108883	Toluene	1.5E+02	3.3E-02
Wastewater Treatment	4393	BIO-REACTOR	1330207	Xylenes (mixed)	2.2E+02	5.0E-02
Other	4410	General Maintenance Paint Booth	18540299	Chromium, hexavalent (& compounds)	1.8E-07	4.2E-11
Other	4410	General Maintenance Paint Booth	7440508	Copper	1.2E-06	2.8E-10
Other	4410	General Maintenance Paint Booth	100414	Ethyl benzene	5.4E+00	1.2E-03
Other	4410	General Maintenance Paint Booth	107211	Ethylene glycol	2.6E-03	5.8E-07
Other	4410	General Maintenance Paint Booth	111762	Ethylene glycol monobutyl ether	1.7E-01	4.0E-05
Other	4410	General Maintenance Paint Booth	67630	Isopropyl alcohol	1.6E-01	3.7E-05
Other	4410	General Maintenance Paint Booth	78933	Methyl ethyl ketone {2-Butanone}	1.2E+01	2.8E-03
Other	4410	General Maintenance Paint Booth	107982	Propylene glycol monomethyl ether	1.7E-01	4.0E-05
Other	4410	General Maintenance Paint Booth	108883	Toluene	1.9E+01	4.3E-03
Other	4410	General Maintenance Paint Booth	26471625	Toluene diisocyanates	4.9E-02	1.1E-05
Other	4410	General Maintenance Paint Booth	1330207	Xylenes (mixed)	7.3E+00	1.7E-03
Wastewater Treatment	4413	#2a Separator	71432	Benzene	8.1E+00	1.9E-03
Wastewater Treatment	4413	#2a Separator	67663	Chloroform	1.5E-01	3.5E-05
Wastewater Treatment	4413	#2a Separator	1319773	Cresols (mixtures of) {Cresylic acid}	1.8E-02	4.1E-06
Wastewater Treatment	4413	#2a Separator	100414	Ethyl benzene	1.2E+00	2.7E-04
Wastewater Treatment	4413	#2a Separator	78933	Methyl ethyl ketone {2-Butanone}	1.3E-02	2.9E-06
Wastewater Treatment	4413	#2a Separator	91203	Naphthalene	6.3E-02	1.4E-05
Wastewater Treatment	4413	#2a Separator	108952	Phenol	1.5E-02	3.4E-06
Wastewater Treatment	4413	#2a Separator	108883	Toluene	4.4E+00	1.0E-03
Wastewater Treatment	4413	#2a Separator	1330207	Xylenes (mixed)	4.3E+00	9.8E-04
Wastewater Treatment	4414	#1a Separator	71432	Benzene	8.8E+00	2.0E-03
Wastewater Treatment	4414	#1a Separator	67663	Chloroform	1.7E-01	3.9E-05
Wastewater Treatment	4414	#1a Separator	1319773	Cresols (mixtures of) {Cresylic acid}	1.0E-02	2.3E-06
Wastewater Treatment	4414	#1a Separator	100414	Ethyl benzene	1.1E+00	2.5E-04
Wastewater Treatment	4414	#1a Separator	78933	Methyl ethyl ketone {2-Butanone}	1.4E-02	3.1E-06
Wastewater Treatment	4414	#1a Separator	91203	Naphthalene	4.5E-02	1.0E-05
Wastewater Treatment	4414	#1a Separator	108952	Phenol	9.0E-03	2.1E-06
Wastewater Treatment	4414	#1a Separator	108883	Toluene	4.3E+00	9.9E-04
Wastewater Treatment	4414	#1a Separator	1330207	Xylenes (mixed)	4.1E+00	9.4E-04
Other	4422	Abrasive Blasting Operating at I&E Shop	7440439	Cadmium	3.5E-05	8.0E-09

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Other	4422	Abrasive Blasting Operating at I&E Shop	18540299	Chromium, hexavalent (& compounds)	3.9E-11	8.9E-15
Other	4422	Abrasive Blasting Operating at I&E Shop	7439921	Lead	6.0E-05	1.4E-08
Other	4422	Abrasive Blasting Operating at I&E Shop	7439965	Manganese	5.8E-05	1.3E-08
Other	4422	Abrasive Blasting Operating at I&E Shop	7440020	Nickel	1.3E-04	2.9E-08
Other	4424	Equipment Painting Area	18540299	Chromium, hexavalent (& compounds)	1.6E-06	3.8E-10
Other	4424	Equipment Painting Area	7440508	Copper	8.8E-06	2.0E-09
Other	4424	Equipment Painting Area	100414	Ethyl benzene	9.2E+00	2.1E-03
Other	4424	Equipment Painting Area	107211	Ethylene glycol	6.9E-02	1.6E-05
Other	4424	Equipment Painting Area	78933	Methyl ethyl ketone {2-Butanone}	9.2E+00	2.1E-03
Other	4424	Equipment Painting Area	91203	Naphthalene	4.8E-01	1.1E-04
Other	4424	Equipment Painting Area	7440020	Nickel	4.6E-06	1.0E-09
Other	4424	Equipment Painting Area	108883	Toluene	2.1E+01	4.8E-03
Other	4424	Equipment Painting Area	26471625	Toluene diisocyanates	2.1E-01	4.9E-05
Other	4424	Equipment Painting Area	1330207	Xylenes (mixed)	4.1E+01	9.3E-03
Generator	4430	Prime Diesel Engine Generator # 2	9901	Diesel particulate matter (Diesel PM)	1.6E+01	3.6E-03
Generator	4431	Prime Diesel Engine Generator w/ integral Diesel Oxidation	9901	Diesel particulate matter (Diesel PM)	1.5E+01	3.4E-03
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	75070	Acetaldehyde	1.6E-01	3.6E-05
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	107028	Acrolein	9.8E-02	2.2E-05
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7440382	Arsenic	7.3E-03	1.7E-06
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	71432	Benzene	2.9E-01	6.6E-05
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	50328	Benzo[a]pyrene	2.5E-04	5.6E-08
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7440417	Beryllium	2.2E-04	5.0E-08
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7440439	Cadmium	4.0E-02	9.1E-06
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7440508	Copper	3.1E-02	7.1E-06
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	100414	Ethyl benzene	3.5E-01	7.9E-05
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	50000	Formaldehyde	8.1E+00	1.8E-03
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	110543	Hexane	2.3E-01	5.2E-05
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7439921	Lead	1.8E-02	4.2E-06
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7439965	Manganese	1.4E-02	3.2E-06
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7439976	Mercury	9.5E-03	2.2E-06
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	91203	Naphthalene	2.2E-02	5.1E-06
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7440020	Nickel	7.6E-02	1.7E-05
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	115071	Propylene	2.7E+01	6.1E-03
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7782492	Selenium	4.4E-04	1.0E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	108883	Toluene	1.3E+00	3.0E-04
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	7440622	Vanadium (fume or dust)	8.4E-02	1.9E-05
Boiler Heater	4436	Stack Gas Heater SRU #1, F-2170	1330207	Xylenes (mixed)	9.9E-01	2.3E-04
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	75070	Acetaldehyde	1.9E-01	4.4E-05
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	107028	Acrolein	1.2E-01	2.7E-05
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7440382	Arsenic	8.9E-03	2.0E-06
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	71432	Benzene	3.6E-01	8.1E-05
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	50328	Benzo[a]pyrene	3.0E-04	6.9E-08
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7440417	Beryllium	2.7E-04	6.1E-08
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7440439	Cadmium	4.9E-02	1.1E-05
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7440508	Copper	3.8E-02	8.7E-06
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	100414	Ethyl benzene	4.2E-01	9.7E-05
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	50000	Formaldehyde	9.9E+00	2.3E-03
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	110543	Hexane	2.8E-01	6.4E-05
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7439921	Lead	2.2E-02	5.1E-06
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7439965	Manganese	1.7E-02	3.9E-06
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7439976	Mercury	1.2E-02	2.7E-06
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	91203	Naphthalene	2.7E-02	6.2E-06
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7440020	Nickel	9.4E-02	2.1E-05
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	115071	Propylene	3.3E+01	7.4E-03
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7782492	Selenium	5.4E-04	1.2E-07
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	108883	Toluene	1.6E+00	3.7E-04
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	7440622	Vanadium (fume or dust)	1.0E-01	2.3E-05
Boiler Heater	4437	Stack Gas Heater SRU #2, F-2270	1330207	Xylenes (mixed)	1.2E+00	2.8E-04
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	75070	Acetaldehyde	1.4E+02	3.1E-02
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	107028	Acrolein	2.4E+02	5.5E-02
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7664417	Ammonia	2.9E+04	6.7E+00
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7440382	Arsenic	2.0E+00	4.6E-04
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	71432	Benzene	1.1E+02	2.5E-02
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	50328	Benzo[a]pyrene	1.0E-01	2.3E-05
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7440417	Beryllium	1.3E+00	3.0E-04
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7440439	Cadmium	1.1E+01	2.5E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	75150	Carbon disulfide	9.3E+00	2.1E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	18540299	Chromium, hexavalent (& compounds)	2.8E+00	6.4E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7440508	Copper	8.3E+00	1.9E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	57125	Cyanide compounds (inorganic)	4.1E+01	9.3E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	100414	Ethyl benzene	1.1E+01	2.5E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	50000	Formaldehyde	7.3E+02	1.7E-01
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7647010	Hydrochloric acid	1.2E+04	2.8E+00
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7783064	Hydrogen sulfide	2.0E+01	4.5E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7439921	Lead	4.9E+00	1.1E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7439965	Manganese	3.7E+00	8.5E-04
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7439976	Mercury	2.5E+00	5.7E-04
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	91203	Naphthalene	1.1E+01	2.5E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7440020	Nickel	2.1E+01	4.8E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	108952	Phenol	7.1E+01	1.6E-02
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	115071	Propylene	1.5E+03	3.4E-01
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7782492	Selenium	2.4E-01	5.5E-05
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7664939	Sulfuric acid	1.8E+03	4.1E-01
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	108883	Toluene	2.9E+02	6.6E-02
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	7440622	Vanadium (fume or dust)	2.3E+01	5.3E-03
Boiler Heater	4471	Hydrogen Plant Train #1 Reformer	1330207	Xylenes (mixed)	1.4E+02	3.2E-02
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	75070	Acetaldehyde	1.4E+02	3.1E-02
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	107028	Acrolein	2.5E+02	5.7E-02
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7664417	Ammonia	2.0E+04	4.5E+00
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7440382	Arsenic	2.0E+00	4.6E-04
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	71432	Benzene	1.1E+02	2.5E-02
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	50328	Benzo[a]pyrene	1.0E-01	2.3E-05
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7440417	Beryllium	1.3E+00	3.0E-04
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7440439	Cadmium	1.1E+01	2.5E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	75150	Carbon disulfide	7.8E+00	1.8E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	18540299	Chromium, hexavalent (& compounds)	2.8E+00	6.4E-04
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7440508	Copper	8.3E+00	1.9E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	57125	Cyanide compounds (inorganic)	4.1E+01	9.4E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	100414	Ethyl benzene	1.1E+01	2.5E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	50000	Formaldehyde	7.3E+02	1.7E-01
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7647010	Hydrochloric acid	1.3E+04	2.9E+00
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7783064	Hydrogen sulfide	1.5E+01	3.4E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7439921	Lead	4.9E+00	1.1E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7439965	Manganese	3.7E+00	8.5E-04
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7439976	Mercury	2.5E+00	5.7E-04
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	91203	Naphthalene	1.1E+01	2.5E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7440020	Nickel	2.1E+01	4.8E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	108952	Phenol	7.2E+01	1.6E-02
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	115071	Propylene	2.8E+02	6.4E-02
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7782492	Selenium	2.4E-01	5.5E-05
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7664939	Sulfuric acid	1.8E+03	4.1E-01
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	108883	Toluene	2.9E+02	6.6E-02
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	7440622	Vanadium (fume or dust)	2.3E+01	5.3E-03
Boiler Heater	4472	Hydrogen Plant Train #2 Reformer Furnace	1330207	Xylenes (mixed)	1.4E+02	3.2E-02
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	106990	1,3-Butadiene	6.7E-03	1.5E-06
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	75070	Acetaldehyde	1.5E+00	3.4E-04
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7440382	Arsenic	3.6E-03	8.3E-07
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	71432	Benzene	6.3E+00	1.4E-03
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	50328	Benzo[a]pyrene	4.4E-03	9.9E-07
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7440439	Cadmium	3.6E-03	8.3E-07
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	18540299	Chromium, hexavalent (& compounds)	1.3E-03	3.1E-07
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7440508	Copper	1.4E-02	3.2E-06
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	100414	Ethyl benzene	1.4E+00	3.3E-04
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	50000	Formaldehyde	5.8E+01	1.3E-02
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	110543	Hexane	2.8E+01	6.4E-03
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7783064	Hydrogen sulfide	3.1E+02	7.0E-02
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7439921	Lead	1.4E-02	3.2E-06
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7439965	Manganese	8.6E-03	2.0E-06
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7439976	Mercury	6.2E-03	1.4E-06
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	91203	Naphthalene	2.8E-01	6.5E-05
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7440020	Nickel	1.1E-01	2.6E-05
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	108952	Phenol	1.1E+00	2.4E-04
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	115071	Propylene	2.3E+00	5.3E-04
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7782492	Selenium	3.3E-02	7.6E-06
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	108883	Toluene	3.2E+00	7.3E-04
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	7440622	Vanadium (fume or dust)	3.6E-02	8.1E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Vapor Recovery/Flares	6010	HIGH LEVEL FLARE,LSFO	1330207	Xylenes (mixed)	3.6E+00	8.2E-04
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	106990	1,3-Butadiene	3.3E-04	7.4E-08
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	75070	Acetaldehyde	7.3E-02	1.7E-05
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7440382	Arsenic	1.8E-04	4.1E-08
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	71432	Benzene	4.2E-01	9.5E-05
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	50328	Benzo[a]pyrene	2.1E-04	4.9E-08
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7440439	Cadmium	1.8E-04	4.1E-08
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	18540299	Chromium, hexavalent (& compounds)	6.6E-05	1.5E-08
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7440508	Copper	7.0E-04	1.6E-07
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	100414	Ethyl benzene	7.0E-02	1.6E-05
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	50000	Formaldehyde	3.6E+00	8.2E-04
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	110543	Hexane	1.4E+00	3.1E-04
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7439921	Lead	6.9E-04	1.6E-07
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7439965	Manganese	4.2E-04	9.6E-08
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7439976	Mercury	3.0E-04	6.9E-08
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	91203	Naphthalene	1.4E-02	3.2E-06
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7440020	Nickel	5.5E-03	1.3E-06
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	108952	Phenol	5.2E-02	1.2E-05
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	115071	Propylene	1.1E-01	2.6E-05
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7782492	Selenium	1.6E-03	3.7E-07
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	108883	Toluene	4.4E-01	1.0E-04
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	7440622	Vanadium (fume or dust)	1.8E-03	4.0E-07
Vapor Recovery/Flares	6012	V-282 SOUTH ISOMAX FLARE	1330207	Xylenes (mixed)	1.8E-01	4.0E-05
Vapor Recovery/Flares	6013	North Isomax Flare V-281	106990	1,3-Butadiene	1.1E-02	2.6E-06
Vapor Recovery/Flares	6013	North Isomax Flare V-281	75070	Acetaldehyde	2.5E+00	5.7E-04
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7440382	Arsenic	6.1E-03	1.4E-06
Vapor Recovery/Flares	6013	North Isomax Flare V-281	71432	Benzene	1.1E+01	2.4E-03
Vapor Recovery/Flares	6013	North Isomax Flare V-281	50328	Benzo[a]pyrene	7.3E-03	1.7E-06
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7440439	Cadmium	6.1E-03	1.4E-06
Vapor Recovery/Flares	6013	North Isomax Flare V-281	18540299	Chromium, hexavalent (& compounds)	2.2E-03	5.1E-07
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7440508	Copper	2.4E-02	5.4E-06
Vapor Recovery/Flares	6013	North Isomax Flare V-281	100414	Ethyl benzene	2.4E+00	5.5E-04
Vapor Recovery/Flares	6013	North Isomax Flare V-281	50000	Formaldehyde	9.8E+01	2.2E-02
Vapor Recovery/Flares	6013	North Isomax Flare V-281	110543	Hexane	4.7E+01	1.1E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7783064	Hydrogen sulfide	5.6E+02	1.3E-01
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7439921	Lead	2.4E-02	5.4E-06
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7439965	Manganese	1.4E-02	3.3E-06
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7439976	Mercury	1.0E-02	2.4E-06
Vapor Recovery/Flares	6013	North Isomax Flare V-281	91203	Naphthalene	4.8E-01	1.1E-04
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7440020	Nickel	1.9E-01	4.3E-05
Vapor Recovery/Flares	6013	North Isomax Flare V-281	108952	Phenol	1.8E+00	4.1E-04
Vapor Recovery/Flares	6013	North Isomax Flare V-281	115071	Propylene	3.9E+00	8.9E-04
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7782492	Selenium	5.6E-02	1.3E-05
Vapor Recovery/Flares	6013	North Isomax Flare V-281	108883	Toluene	5.4E+00	1.2E-03
Vapor Recovery/Flares	6013	North Isomax Flare V-281	7440622	Vanadium (fume or dust)	6.0E-02	1.4E-05
Vapor Recovery/Flares	6013	North Isomax Flare V-281	1330207	Xylenes (mixed)	6.0E+00	1.4E-03
Vapor Recovery/Flares	6016	FCC Flare V-731	106990	1,3-Butadiene	4.7E-03	1.1E-06
Vapor Recovery/Flares	6016	FCC Flare V-731	75070	Acetaldehyde	1.1E+00	2.4E-04
Vapor Recovery/Flares	6016	FCC Flare V-731	7440382	Arsenic	2.6E-03	5.9E-07
Vapor Recovery/Flares	6016	FCC Flare V-731	71432	Benzene	4.6E+00	1.0E-03
Vapor Recovery/Flares	6016	FCC Flare V-731	50328	Benzo[a]pyrene	3.1E-03	7.1E-07
Vapor Recovery/Flares	6016	FCC Flare V-731	7440439	Cadmium	2.6E-03	5.9E-07
Vapor Recovery/Flares	6016	FCC Flare V-731	18540299	Chromium, hexavalent (& compounds)	9.5E-04	2.2E-07
Vapor Recovery/Flares	6016	FCC Flare V-731	7440508	Copper	1.0E-02	2.3E-06
Vapor Recovery/Flares	6016	FCC Flare V-731	100414	Ethyl benzene	1.0E+00	2.3E-04
Vapor Recovery/Flares	6016	FCC Flare V-731	50000	Formaldehyde	4.2E+01	9.6E-03
Vapor Recovery/Flares	6016	FCC Flare V-731	110543	Hexane	2.0E+01	4.5E-03
Vapor Recovery/Flares	6016	FCC Flare V-731	7783064	Hydrogen sulfide	1.1E+00	2.4E-04
Vapor Recovery/Flares	6016	FCC Flare V-731	7439921	Lead	1.0E-02	2.3E-06
Vapor Recovery/Flares	6016	FCC Flare V-731	7439965	Manganese	6.1E-03	1.4E-06
Vapor Recovery/Flares	6016	FCC Flare V-731	7439976	Mercury	4.4E-03	1.0E-06
Vapor Recovery/Flares	6016	FCC Flare V-731	91203	Naphthalene	2.0E-01	4.6E-05
Vapor Recovery/Flares	6016	FCC Flare V-731	7440020	Nickel	8.0E-02	1.8E-05
Vapor Recovery/Flares	6016	FCC Flare V-731	108952	Phenol	7.6E-01	1.7E-04
Vapor Recovery/Flares	6016	FCC Flare V-731	115071	Propylene	1.7E+00	3.8E-04
Vapor Recovery/Flares	6016	FCC Flare V-731	7782492	Selenium	2.4E-02	5.4E-06
Vapor Recovery/Flares	6016	FCC Flare V-731	108883	Toluene	2.5E+00	5.6E-04
Vapor Recovery/Flares	6016	FCC Flare V-731	7440622	Vanadium (fume or dust)	2.5E-02	5.8E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Vapor Recovery/Flares	6016	FCC Flare V-731	1330207	Xylenes (mixed)	2.6E+00	5.8E-04
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	106990	1,3-Butadiene	1.9E-03	4.4E-07
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	75070	Acetaldehyde	4.3E-01	9.8E-05
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7440382	Arsenic	1.1E-03	2.4E-07
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	71432	Benzene	2.0E+00	4.5E-04
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	50328	Benzo[a]pyrene	1.3E-03	2.9E-07
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7440439	Cadmium	1.1E-03	2.4E-07
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	18540299	Chromium, hexavalent (& compounds)	3.9E-04	8.8E-08
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7440508	Copper	4.1E-03	9.3E-07
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	100414	Ethyl benzene	4.1E-01	9.5E-05
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	50000	Formaldehyde	1.8E+01	4.1E-03
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	110543	Hexane	8.0E+00	1.8E-03
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7783064	Hydrogen sulfide	1.5E+01	3.3E-03
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7439921	Lead	4.1E-03	9.3E-07
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7439965	Manganese	2.5E-03	5.6E-07
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7439976	Mercury	1.8E-03	4.1E-07
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	91203	Naphthalene	8.2E-02	1.9E-05
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7440020	Nickel	3.2E-02	7.4E-06
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	108952	Phenol	3.1E-01	7.0E-05
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	115071	Propylene	6.7E-01	1.5E-04
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7782492	Selenium	9.6E-03	2.2E-06
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	108883	Toluene	8.5E-01	1.9E-04
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	7440622	Vanadium (fume or dust)	1.0E-02	2.4E-06
Vapor Recovery/Flares	6019	V-732, Alky-Poly Flare	1330207	Xylenes (mixed)	1.0E+00	2.4E-04
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	75070	Acetaldehyde	2.2E+01	5.0E-03
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7440382	Arsenic	5.4E-02	1.2E-05
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	71432	Benzene	9.1E+01	2.1E-02
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7440417	Beryllium	5.1E-04	1.2E-07
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7440439	Cadmium	5.7E-02	1.3E-05
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	18540299	Chromium, hexavalent (& compounds)	2.1E-02	4.7E-06
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7440508	Copper	2.1E-01	4.8E-05
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	100414	Ethyl benzene	2.1E+01	4.8E-03
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	50000	Formaldehyde	8.4E+02	1.9E-01
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	110543	Hexane	7.1E+00	1.6E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7439921	Lead	2.1E-01	4.7E-05
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7439965	Manganese	1.3E-01	2.9E-05
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7439976	Mercury	9.2E-02	2.1E-05
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	91203	Naphthalene	4.1E+00	9.5E-04
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7440020	Nickel	1.6E+00	3.8E-04
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	108952	Phenol	1.6E+01	3.5E-03
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	115071	Propylene	8.8E+01	2.0E-02
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7782492	Selenium	4.9E-01	1.1E-04
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	108883	Toluene	4.3E+01	9.8E-03
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	7440622	Vanadium (fume or dust)	1.4E-01	3.3E-05
Vapor Recovery/Flares	6021	Hydrogen Plant Flare	1330207	Xylenes (mixed)	5.2E+01	1.2E-02
Vapor Recovery/Flares	6039	Lube Flare, V-3501	106990	1,3-Butadiene	2.8E-03	6.3E-07
Vapor Recovery/Flares	6039	Lube Flare, V-3501	75070	Acetaldehyde	6.1E-01	1.4E-04
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7440382	Arsenic	1.5E-03	3.4E-07
Vapor Recovery/Flares	6039	Lube Flare, V-3501	71432	Benzene	2.8E+00	6.3E-04
Vapor Recovery/Flares	6039	Lube Flare, V-3501	50328	Benzo[a]pyrene	1.8E-03	4.1E-07
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7440439	Cadmium	1.5E-03	3.4E-07
Vapor Recovery/Flares	6039	Lube Flare, V-3501	18540299	Chromium, hexavalent (& compounds)	5.5E-04	1.3E-07
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7440508	Copper	5.9E-03	1.3E-06
Vapor Recovery/Flares	6039	Lube Flare, V-3501	100414	Ethyl benzene	5.9E-01	1.4E-04
Vapor Recovery/Flares	6039	Lube Flare, V-3501	50000	Formaldehyde	2.5E+01	5.7E-03
Vapor Recovery/Flares	6039	Lube Flare, V-3501	110543	Hexane	1.2E+01	2.6E-03
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7783064	Hydrogen sulfide	2.0E+03	4.5E-01
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7439921	Lead	5.8E-03	1.3E-06
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7439965	Manganese	3.6E-03	8.1E-07
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7439976	Mercury	2.6E-03	5.9E-07
Vapor Recovery/Flares	6039	Lube Flare, V-3501	91203	Naphthalene	1.2E-01	2.7E-05
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7440020	Nickel	4.6E-02	1.1E-05
Vapor Recovery/Flares	6039	Lube Flare, V-3501	108952	Phenol	4.4E-01	1.0E-04
Vapor Recovery/Flares	6039	Lube Flare, V-3501	115071	Propylene	9.6E-01	2.2E-04
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7782492	Selenium	1.4E-02	3.1E-06
Vapor Recovery/Flares	6039	Lube Flare, V-3501	108883	Toluene	1.7E+00	3.9E-04
Vapor Recovery/Flares	6039	Lube Flare, V-3501	7440622	Vanadium (fume or dust)	1.5E-02	3.4E-06
Vapor Recovery/Flares	6039	Lube Flare, V-3501	1330207	Xylenes (mixed)	1.5E+00	3.4E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Other	6042	Sandblaster at Machine Shop	7440439	Cadmium	2.1E-04	4.8E-08
Other	6042	Sandblaster at Machine Shop	7439921	Lead	3.6E-04	8.2E-08
Other	6042	Sandblaster at Machine Shop	7439965	Manganese	3.5E-04	7.9E-08
Other	6042	Sandblaster at Machine Shop	7440020	Nickel	7.5E-04	1.7E-07
Other	6046	Sandblaster at Machine Shop	7440439	Cadmium	2.1E-04	4.8E-08
Other	6046	Sandblaster at Machine Shop	7439921	Lead	3.6E-04	8.2E-08
Other	6046	Sandblaster at Machine Shop	7439965	Manganese	3.5E-04	7.9E-08
Other	6046	Sandblaster at Machine Shop	7440020	Nickel	7.5E-04	1.7E-07
Other	6047	Sandblaster at Machine Shop	7440439	Cadmium	2.1E-04	4.8E-08
Other	6047	Sandblaster at Machine Shop	7439921	Lead	3.6E-04	8.2E-08
Other	6047	Sandblaster at Machine Shop	7439965	Manganese	3.5E-04	7.9E-08
Other	6047	Sandblaster at Machine Shop	7440020	Nickel	7.5E-04	1.7E-07
Cooling Towers	6051	Alky Cooling Tower	67663	Chloroform	2.5E+01	5.8E-03
Storage Tank	6226	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.4E-06
Storage Tank	6226	Portable Steel Storage Container	71432	Benzene	1.9E-02	4.2E-06
Storage Tank	6226	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.3E-03	1.4E-06
Storage Tank	6226	Portable Steel Storage Container	75150	Carbon disulfide	9.7E-05	2.2E-08
Storage Tank	6226	Portable Steel Storage Container	463581	Carbonyl sulfide	3.9E-01	8.9E-05
Storage Tank	6226	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.4E-01	3.1E-05
Storage Tank	6226	Portable Steel Storage Container	111422	Diethanolamine	9.7E-05	2.2E-08
Storage Tank	6226	Portable Steel Storage Container	100414	Ethyl benzene	1.1E-01	2.5E-05
Storage Tank	6226	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.7E-05	2.2E-08
Storage Tank	6226	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.9E-05	1.1E-08
Storage Tank	6226	Portable Steel Storage Container	110543	Hexane	9.1E-04	2.1E-07
Storage Tank	6226	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.8E-05
Storage Tank	6226	Portable Steel Storage Container	67561	Methanol	1.4E-01	3.1E-05
Storage Tank	6226	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.9E-05	1.1E-08
Storage Tank	6226	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.5E-01	3.4E-05
Storage Tank	6226	Portable Steel Storage Container	91203	Naphthalene	3.8E-02	8.7E-06
Storage Tank	6226	Portable Steel Storage Container	108952	Phenol	1.5E-01	3.3E-05
Storage Tank	6226	Portable Steel Storage Container	115071	Propylene	2.5E-02	5.6E-06
Storage Tank	6226	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.4E-10
Storage Tank	6226	Portable Steel Storage Container	100425	Styrene	5.4E-02	1.2E-05
Storage Tank	6226	Portable Steel Storage Container	108883	Toluene	3.8E-01	8.6E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6226	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.6E-01	1.1E-04
Storage Tank	6227	Portable Steel Storage	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6227	Portable Steel Storage	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6227	Portable Steel Storage	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6227	Portable Steel Storage	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6227	Portable Steel Storage	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6227	Portable Steel Storage	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6227	Portable Steel Storage	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6227	Portable Steel Storage	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6227	Portable Steel Storage	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6227	Portable Steel Storage	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6227	Portable Steel Storage	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6227	Portable Steel Storage	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6227	Portable Steel Storage	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6227	Portable Steel Storage	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6227	Portable Steel Storage	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6227	Portable Steel Storage	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6227	Portable Steel Storage	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6227	Portable Steel Storage	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6227	Portable Steel Storage	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6227	Portable Steel Storage	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6227	Portable Steel Storage	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6227	Portable Steel Storage	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6228	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6228	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6228	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6228	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6228	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6228	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6228	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6228	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6228	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6228	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6228	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6228	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6228	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6228	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6228	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6228	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6228	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6228	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6228	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6228	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6228	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6228	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6229	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6229	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6229	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6229	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6229	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6229	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6229	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6229	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6229	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6229	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6229	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6229	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6229	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6229	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6229	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6229	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6229	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6229	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6229	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6229	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6229	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6229	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6230	Portable Steel Container	106990	1,3-Butadiene	1.9E-02	4.2E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6230	Portable Steel Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6230	Portable Steel Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6230	Portable Steel Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6230	Portable Steel Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6230	Portable Steel Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6230	Portable Steel Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6230	Portable Steel Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6230	Portable Steel Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6230	Portable Steel Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6230	Portable Steel Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6230	Portable Steel Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6230	Portable Steel Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6230	Portable Steel Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6230	Portable Steel Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6230	Portable Steel Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6230	Portable Steel Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6230	Portable Steel Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6230	Portable Steel Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6230	Portable Steel Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6230	Portable Steel Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6230	Portable Steel Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6231	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6231	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6231	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6231	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6231	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6231	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6231	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6231	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6231	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6231	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6231	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6231	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6231	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6231	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6231	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6231	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6231	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6231	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6231	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6231	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6231	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6231	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6232	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6232	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6232	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6232	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6232	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6232	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6232	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6232	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6232	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6232	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6232	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6232	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6232	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6232	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6232	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6232	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6232	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6232	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6232	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6232	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6232	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6232	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6233	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6233	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6233	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6233	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6233	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6233	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6233	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6233	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6233	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6233	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6233	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6233	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6233	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6233	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6233	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6233	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6233	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6233	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6233	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6233	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6233	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6233	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6234	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6234	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6234	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6234	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6234	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6234	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6234	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6234	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6234	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6234	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6234	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6234	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6234	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6234	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6234	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6234	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6234	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6234	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6234	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6234	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6234	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6234	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6235	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6235	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6235	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6235	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6235	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6235	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6235	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6235	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6235	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6235	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6235	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6235	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6235	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6235	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6235	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6235	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6235	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6235	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6235	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6235	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6235	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6235	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6236	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6236	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6236	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6236	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6236	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6236	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6236	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6236	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6236	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6236	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6236	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6236	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6236	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6236	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6236	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6236	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6236	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6236	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6236	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6236	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6236	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6236	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6237	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6237	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6237	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6237	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6237	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6237	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6237	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6237	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6237	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6237	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6237	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6237	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6237	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6237	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6237	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6237	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6237	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6237	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6237	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6237	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6237	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6237	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6238	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6238	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6238	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6238	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6238	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6238	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6238	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08
Storage Tank	6238	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6238	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6238	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6238	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6238	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6238	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6238	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6238	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6238	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6238	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6238	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6238	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6238	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6238	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6238	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Storage Tank	6239	Portable Steel Storage Container	106990	1,3-Butadiene	1.9E-02	4.2E-06
Storage Tank	6239	Portable Steel Storage Container	71432	Benzene	1.8E-02	4.0E-06
Storage Tank	6239	Portable Steel Storage Container	50328	Benzo[a]pyrene	6.0E-03	1.4E-06
Storage Tank	6239	Portable Steel Storage Container	75150	Carbon disulfide	9.3E-05	2.1E-08
Storage Tank	6239	Portable Steel Storage Container	463581	Carbonyl sulfide	3.7E-01	8.5E-05
Storage Tank	6239	Portable Steel Storage Container	1319773	Cresols (mixtures of) {Cresylic acid}	1.3E-01	3.0E-05
Storage Tank	6239	Portable Steel Storage Container	111422	Diethanolamine	9.3E-05	2.1E-08

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	6239	Portable Steel Storage Container	100414	Ethyl benzene	1.0E-01	2.3E-05
Storage Tank	6239	Portable Steel Storage Container	106934	Ethylene dibromide {EDB}	9.3E-05	2.1E-08
Storage Tank	6239	Portable Steel Storage Container	107062	Ethylene dichloride {EDC}	4.6E-05	1.1E-08
Storage Tank	6239	Portable Steel Storage Container	110543	Hexane	8.7E-04	2.0E-07
Storage Tank	6239	Portable Steel Storage Container	7783064	Hydrogen sulfide	1.2E-01	2.7E-05
Storage Tank	6239	Portable Steel Storage Container	67561	Methanol	1.3E-01	3.0E-05
Storage Tank	6239	Portable Steel Storage Container	78933	Methyl ethyl ketone {2-Butanone}	4.6E-05	1.1E-08
Storage Tank	6239	Portable Steel Storage Container	1634044	Methyl tert-butyl ether	1.4E-01	3.2E-05
Storage Tank	6239	Portable Steel Storage Container	91203	Naphthalene	3.6E-02	8.3E-06
Storage Tank	6239	Portable Steel Storage Container	108952	Phenol	1.4E-01	3.2E-05
Storage Tank	6239	Portable Steel Storage Container	115071	Propylene	2.3E-02	5.4E-06
Storage Tank	6239	Portable Steel Storage Container	7782492	Selenium	1.9E-06	4.2E-10
Storage Tank	6239	Portable Steel Storage Container	100425	Styrene	5.2E-02	1.2E-05
Storage Tank	6239	Portable Steel Storage Container	108883	Toluene	3.6E-01	8.2E-05
Storage Tank	6239	Portable Steel Storage Container	1330207	Xylenes (mixed)	4.4E-01	1.0E-04
Generator	7013	SRU Standby Generator	9901	Diesel particulate matter (Diesel PM)	5.6E+01	1.3E-02
Generator	7501	Wharf Fire Water Pump	9901	Diesel particulate matter (Diesel PM)	3.5E-01	8.0E-05
Generator	7508	Diesel Engine, Cummins model 855P310	9901	Diesel particulate matter (Diesel PM)	9.4E-01	2.2E-04
Generator	7509	Diesel Engine, Cummins model 855P310	9901	Diesel particulate matter (Diesel PM)	1.0E+00	2.4E-04
Generator	7511	Diesel Engine, Caterpillar model 3406	9901	Diesel particulate matter (Diesel PM)	1.6E+00	3.7E-04
Generator	7512	Diesel Engine, Detroit Diesel model 70637600	9901	Diesel particulate matter (Diesel PM)	2.2E+00	4.9E-04
Generator	7513	Stormwater Pump Engine, P-302A	9901	Diesel particulate matter (Diesel PM)	1.5E+02	3.5E-02
Generator	7514	Stormwater Pump Engine, P-302B	9901	Diesel particulate matter (Diesel PM)	6.5E+01	1.5E-02
Generator	7515	Emergency Diesel Stormwater Pump Engine(P-351A)	9901	Diesel particulate matter (Diesel PM)	1.8E+01	4.0E-03
Generator	7516	Emergency Diesel Stormwater Pump Engine(P-351B)	9901	Diesel particulate matter (Diesel PM)	1.3E+01	2.9E-03
Generator	7531	Diesel Engine, Detroit Diesel model 80637305, emergency stand	9901	Diesel particulate matter (Diesel PM)	1.3E+00	3.0E-04
Generator	7534	Plant Protection Standby Generator	9901	Diesel particulate matter (Diesel PM)	6.8E-02	1.6E-05
Generator	7535	Emergency Standby Fire Pump	9901	Diesel particulate matter (Diesel PM)	6.7E-01	1.5E-04
Generator	7536	Emergency Standby Fire Pump	9901	Diesel particulate matter (Diesel PM)	3.9E-01	8.8E-05
Generator	7538	Emergency Standby Diesel Generator Set	9901	Diesel particulate matter (Diesel PM)	4.0E+00	9.1E-04
Generator	7541	Emergency Standby Diesel Fire Pump Engine	9901	Diesel particulate matter (Diesel PM)	2.9E+00	6.7E-04
Generator	7542	Emergency Standby Diesel Fire Pump Engine	9901	Diesel particulate matter (Diesel PM)	3.8E+00	8.7E-04
Generator	7543	Emergency Standby Diesel Fire Pump Engine	9901	Diesel particulate matter (Diesel PM)	1.6E+00	3.6E-04
Cogeneration	7544	Portable Diesel Engine	9901	Diesel particulate matter (Diesel PM)	2.2E+00	2.9E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Cogeneration	7545	Portable Diesel Engine	9901	Diesel particulate matter (Diesel PM)	5.3E+00	2.9E-03
Generator	7546	Portable Diesel Engine	9901	Diesel particulate matter (Diesel PM)	5.5E+00	2.9E-03
Generator	7547	Portable Diesel Engine	9901	Diesel particulate matter (Diesel PM)	5.2E+00	2.9E-03
Generator	7548	Portable Diesel Engine	9901	Diesel particulate matter (Diesel PM)	5.9E+00	2.9E-03
Generator	7549	Portable Diesel Engine	9901	Diesel particulate matter (Diesel PM)	5.8E+00	2.9E-03
Generator	7550	Portable Diesel Engine	9901	Diesel particulate matter (Diesel PM)	8.9E+00	2.9E-03
Other	7601	Quart Line Bottles, One Gallon Jugs, Pails, Quart Case	18540299	Chromium, hexavalent (& compounds)	1.1E-04	2.5E-08
Other	7601	Quart Line Bottles, One Gallon Jugs, Pails, Quart Case	78933	Methyl ethyl ketone {2-Butanone}	1.3E+01	3.0E-03
Other	9304	Non Retail Gasoline Dispensing Facility	71432	Benzene	5.6E-01	1.3E-04
Other	9304	Non Retail Gasoline Dispensing Facility	100414	Ethyl benzene	1.1E-01	2.6E-05
Other	9304	Non Retail Gasoline Dispensing Facility	110543	Hexane	7.3E-01	1.7E-04
Other	9304	Non Retail Gasoline Dispensing Facility	108883	Toluene	1.2E+00	2.7E-04
Other	9304	Non Retail Gasoline Dispensing Facility	1330207	Xylenes (mixed)	4.1E-01	9.5E-05
Marine Loading	9321	Marine Terminal Berth #1	106990	1,3-Butadiene	1.7E-01	3.9E-05
Marine Loading	9321	Marine Terminal Berth #1	75070	Acetaldehyde	9.2E+00	2.1E-03
Marine Loading	9321	Marine Terminal Berth #1	7440382	Arsenic	1.5E-01	3.4E-05
Marine Loading	9321	Marine Terminal Berth #1	71432	Benzene	1.8E+01	4.1E-03
Marine Loading	9321	Marine Terminal Berth #1	50328	Benzo[a]pyrene	1.8E-03	4.1E-07
Marine Loading	9321	Marine Terminal Berth #1	7440417	Beryllium	2.6E-03	5.9E-07
Marine Loading	9321	Marine Terminal Berth #1	7440439	Cadmium	1.1E-01	2.4E-05
Marine Loading	9321	Marine Terminal Berth #1	18540299	Chromium, hexavalent (& compounds)	4.4E-04	1.0E-07
Marine Loading	9321	Marine Terminal Berth #1	7440508	Copper	1.0E+00	2.3E-04
Marine Loading	9321	Marine Terminal Berth #1	1319773	Cresols (mixtures of) {Cresylic acid}	5.5E-02	1.3E-05
Marine Loading	9321	Marine Terminal Berth #1	111422	Diethanolamine	3.0E-08	6.9E-12
Marine Loading	9321	Marine Terminal Berth #1	100414	Ethyl benzene	8.1E+00	1.9E-03
Marine Loading	9321	Marine Terminal Berth #1	106934	Ethylene dibromide {EDB}	5.7E-05	1.3E-08
Marine Loading	9321	Marine Terminal Berth #1	107062	Ethylene dichloride {EDC}	2.7E-05	6.1E-09
Marine Loading	9321	Marine Terminal Berth #1	50000	Formaldehyde	1.8E+01	4.0E-03
Marine Loading	9321	Marine Terminal Berth #1	110543	Hexane	2.4E+01	5.4E-03
Marine Loading	9321	Marine Terminal Berth #1	7439921	Lead	4.4E-01	1.0E-04
Marine Loading	9321	Marine Terminal Berth #1	7439965	Manganese	8.2E-01	1.9E-04
Marine Loading	9321	Marine Terminal Berth #1	7439976	Mercury	4.3E-02	9.8E-06
Marine Loading	9321	Marine Terminal Berth #1	67561	Methanol	8.7E-02	2.0E-05
Marine Loading	9321	Marine Terminal Berth #1	78933	Methyl ethyl ketone {2-Butanone}	1.3E-04	3.0E-08

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Marine Loading	9321	Marine Terminal Berth #1	1634044	Methyl tert-butyl ether	4.5E-02	1.0E-05
Marine Loading	9321	Marine Terminal Berth #1	91203	Naphthalene	2.6E+00	6.0E-04
Marine Loading	9321	Marine Terminal Berth #1	7440020	Nickel	8.8E-01	2.0E-04
Marine Loading	9321	Marine Terminal Berth #1	108952	Phenol	9.0E-01	2.1E-04
Marine Loading	9321	Marine Terminal Berth #1	115071	Propylene	6.4E+00	1.5E-03
Marine Loading	9321	Marine Terminal Berth #1	7782492	Selenium	8.8E-01	2.0E-04
Marine Loading	9321	Marine Terminal Berth #1	100425	Styrene	8.6E-02	2.0E-05
Marine Loading	9321	Marine Terminal Berth #1	7664939	Sulfuric acid	1.5E-03	3.4E-07
Marine Loading	9321	Marine Terminal Berth #1	108883	Toluene	3.0E+02	6.8E-02
Marine Loading	9321	Marine Terminal Berth #1	1330207	Xylenes (mixed)	7.8E+01	1.8E-02
Marine Loading	9322	Marine Terminal Berth #2	106990	1,3-Butadiene	3.2E-02	7.2E-06
Marine Loading	9322	Marine Terminal Berth #2	75070	Acetaldehyde	1.7E+00	3.9E-04
Marine Loading	9322	Marine Terminal Berth #2	7440382	Arsenic	2.8E-02	6.3E-06
Marine Loading	9322	Marine Terminal Berth #2	71432	Benzene	3.3E+00	7.5E-04
Marine Loading	9322	Marine Terminal Berth #2	50328	Benzo[a]pyrene	3.3E-04	7.6E-08
Marine Loading	9322	Marine Terminal Berth #2	7440417	Beryllium	4.8E-04	1.1E-07
Marine Loading	9322	Marine Terminal Berth #2	7440439	Cadmium	2.0E-02	4.5E-06
Marine Loading	9322	Marine Terminal Berth #2	18540299	Chromium, hexavalent (& compounds)	8.2E-05	1.9E-08
Marine Loading	9322	Marine Terminal Berth #2	7440508	Copper	1.9E-01	4.3E-05
Marine Loading	9322	Marine Terminal Berth #2	1319773	Cresols (mixtures of) {Cresylic acid}	1.0E-02	2.3E-06
Marine Loading	9322	Marine Terminal Berth #2	111422	Diethanolamine	5.6E-09	1.3E-12
Marine Loading	9322	Marine Terminal Berth #2	100414	Ethyl benzene	1.5E+00	3.4E-04
Marine Loading	9322	Marine Terminal Berth #2	106934	Ethylene dibromide {EDB}	1.1E-05	2.4E-09
Marine Loading	9322	Marine Terminal Berth #2	107062	Ethylene dichloride {EDC}	4.9E-06	1.1E-09
Marine Loading	9322	Marine Terminal Berth #2	50000	Formaldehyde	3.3E+00	7.4E-04
Marine Loading	9322	Marine Terminal Berth #2	110543	Hexane	4.4E+00	1.0E-03
Marine Loading	9322	Marine Terminal Berth #2	7439921	Lead	8.1E-02	1.9E-05
Marine Loading	9322	Marine Terminal Berth #2	7439965	Manganese	1.5E-01	3.5E-05
Marine Loading	9322	Marine Terminal Berth #2	7439976	Mercury	7.9E-03	1.8E-06
Marine Loading	9322	Marine Terminal Berth #2	67561	Methanol	1.6E-02	3.7E-06
Marine Loading	9322	Marine Terminal Berth #2	78933	Methyl ethyl ketone {2-Butanone}	2.4E-05	5.5E-09
Marine Loading	9322	Marine Terminal Berth #2	1634044	Methyl tert-butyl ether	8.4E-03	1.9E-06
Marine Loading	9322	Marine Terminal Berth #2	91203	Naphthalene	4.8E-01	1.1E-04
Marine Loading	9322	Marine Terminal Berth #2	7440020	Nickel	1.6E-01	3.7E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Marine Loading	9322	Marine Terminal Berth #2	108952	Phenol	1.7E-01	3.8E-05
Marine Loading	9322	Marine Terminal Berth #2	115071	Propylene	1.2E+00	2.7E-04
Marine Loading	9322	Marine Terminal Berth #2	7782492	Selenium	1.6E-01	3.7E-05
Marine Loading	9322	Marine Terminal Berth #2	100425	Styrene	1.6E-02	3.6E-06
Marine Loading	9322	Marine Terminal Berth #2	7664939	Sulfuric acid	2.7E-04	6.2E-08
Marine Loading	9322	Marine Terminal Berth #2	108883	Toluene	5.5E+01	1.2E-02
Marine Loading	9322	Marine Terminal Berth #2	1330207	Xylenes (mixed)	1.4E+01	3.3E-03
Marine Loading	9323	Marine Terminal Berth #3	106990	1,3-Butadiene	3.0E-02	6.8E-06
Marine Loading	9323	Marine Terminal Berth #3	75070	Acetaldehyde	1.6E+00	3.6E-04
Marine Loading	9323	Marine Terminal Berth #3	7440382	Arsenic	2.6E-02	5.9E-06
Marine Loading	9323	Marine Terminal Berth #3	71432	Benzene	3.1E+00	7.1E-04
Marine Loading	9323	Marine Terminal Berth #3	50328	Benzo[a]pyrene	3.1E-04	7.1E-08
Marine Loading	9323	Marine Terminal Berth #3	7440417	Beryllium	4.5E-04	1.0E-07
Marine Loading	9323	Marine Terminal Berth #3	7440439	Cadmium	1.8E-02	4.2E-06
Marine Loading	9323	Marine Terminal Berth #3	18540299	Chromium, hexavalent (& compounds)	7.6E-05	1.7E-08
Marine Loading	9323	Marine Terminal Berth #3	7440508	Copper	1.8E-01	4.0E-05
Marine Loading	9323	Marine Terminal Berth #3	1319773	Cresols (mixtures of) {Cresylic acid}	9.5E-03	2.2E-06
Marine Loading	9323	Marine Terminal Berth #3	111422	Diethanolamine	5.2E-09	1.2E-12
Marine Loading	9323	Marine Terminal Berth #3	100414	Ethyl benzene	1.4E+00	3.2E-04
Marine Loading	9323	Marine Terminal Berth #3	106934	Ethylene dibromide {EDB}	9.9E-06	2.3E-09
Marine Loading	9323	Marine Terminal Berth #3	107062	Ethylene dichloride {EDC}	4.6E-06	1.0E-09
Marine Loading	9323	Marine Terminal Berth #3	50000	Formaldehyde	3.1E+00	7.0E-04
Marine Loading	9323	Marine Terminal Berth #3	110543	Hexane	4.1E+00	9.4E-04
Marine Loading	9323	Marine Terminal Berth #3	7439921	Lead	7.6E-02	1.7E-05
Marine Loading	9323	Marine Terminal Berth #3	7439965	Manganese	1.4E-01	3.3E-05
Marine Loading	9323	Marine Terminal Berth #3	7439976	Mercury	7.4E-03	1.7E-06
Marine Loading	9323	Marine Terminal Berth #3	67561	Methanol	1.5E-02	3.4E-06
Marine Loading	9323	Marine Terminal Berth #3	78933	Methyl ethyl ketone {2-Butanone}	2.2E-05	5.1E-09
Marine Loading	9323	Marine Terminal Berth #3	1634044	Methyl tert-butyl ether	7.9E-03	1.8E-06
Marine Loading	9323	Marine Terminal Berth #3	91203	Naphthalene	4.5E-01	1.0E-04
Marine Loading	9323	Marine Terminal Berth #3	7440020	Nickel	1.5E-01	3.5E-05
Marine Loading	9323	Marine Terminal Berth #3	108952	Phenol	1.6E-01	3.6E-05
Marine Loading	9323	Marine Terminal Berth #3	115071	Propylene	1.1E+00	2.6E-04
Marine Loading	9323	Marine Terminal Berth #3	7782492	Selenium	1.5E-01	3.5E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Marine Loading	9323	Marine Terminal Berth #3	100425	Styrene	1.5E-02	3.4E-06
Marine Loading	9323	Marine Terminal Berth #3	7664939	Sulfuric acid	2.6E-04	5.8E-08
Marine Loading	9323	Marine Terminal Berth #3	108883	Toluene	5.1E+01	1.2E-02
Marine Loading	9323	Marine Terminal Berth #3	1330207	Xylenes (mixed)	1.4E+01	3.1E-03
Marine Loading	9324	Marine Terminal Berth #4	106990	1,3-Butadiene	1.1E-01	2.5E-05
Marine Loading	9324	Marine Terminal Berth #4	75070	Acetaldehyde	5.8E+00	1.3E-03
Marine Loading	9324	Marine Terminal Berth #4	7440382	Arsenic	9.4E-02	2.1E-05
Marine Loading	9324	Marine Terminal Berth #4	71432	Benzene	1.1E+01	2.6E-03
Marine Loading	9324	Marine Terminal Berth #4	50328	Benzo[a]pyrene	1.1E-03	2.6E-07
Marine Loading	9324	Marine Terminal Berth #4	7440417	Beryllium	1.6E-03	3.7E-07
Marine Loading	9324	Marine Terminal Berth #4	7440439	Cadmium	6.7E-02	1.5E-05
Marine Loading	9324	Marine Terminal Berth #4	18540299	Chromium, hexavalent (& compounds)	2.8E-04	6.4E-08
Marine Loading	9324	Marine Terminal Berth #4	7440508	Copper	6.4E-01	1.5E-04
Marine Loading	9324	Marine Terminal Berth #4	1319773	Cresols (mixtures of) {Cresylic acid}	3.5E-02	7.9E-06
Marine Loading	9324	Marine Terminal Berth #4	111422	Diethanolamine	1.9E-08	4.3E-12
Marine Loading	9324	Marine Terminal Berth #4	100414	Ethyl benzene	5.1E+00	1.2E-03
Marine Loading	9324	Marine Terminal Berth #4	106934	Ethylene dibromide {EDB}	3.6E-05	8.2E-09
Marine Loading	9324	Marine Terminal Berth #4	107062	Ethylene dichloride {EDC}	1.7E-05	3.8E-09
Marine Loading	9324	Marine Terminal Berth #4	50000	Formaldehyde	1.1E+01	2.5E-03
Marine Loading	9324	Marine Terminal Berth #4	110543	Hexane	1.5E+01	3.4E-03
Marine Loading	9324	Marine Terminal Berth #4	7439921	Lead	2.8E-01	6.3E-05
Marine Loading	9324	Marine Terminal Berth #4	7439965	Manganese	5.2E-01	1.2E-04
Marine Loading	9324	Marine Terminal Berth #4	7439976	Mercury	2.7E-02	6.1E-06
Marine Loading	9324	Marine Terminal Berth #4	67561	Methanol	5.5E-02	1.3E-05
Marine Loading	9324	Marine Terminal Berth #4	78933	Methyl ethyl ketone {2-Butanone}	8.1E-05	1.9E-08
Marine Loading	9324	Marine Terminal Berth #4	1634044	Methyl tert-butyl ether	2.9E-02	6.5E-06
Marine Loading	9324	Marine Terminal Berth #4	91203	Naphthalene	1.6E+00	3.7E-04
Marine Loading	9324	Marine Terminal Berth #4	7440020	Nickel	5.5E-01	1.3E-04
Marine Loading	9324	Marine Terminal Berth #4	108952	Phenol	5.7E-01	1.3E-04
Marine Loading	9324	Marine Terminal Berth #4	115071	Propylene	4.1E+00	9.3E-04
Marine Loading	9324	Marine Terminal Berth #4	7782492	Selenium	5.5E-01	1.3E-04
Marine Loading	9324	Marine Terminal Berth #4	100425	Styrene	5.4E-02	1.2E-05
Marine Loading	9324	Marine Terminal Berth #4	7664939	Sulfuric acid	9.3E-04	2.1E-07
Marine Loading	9324	Marine Terminal Berth #4	108883	Toluene	1.9E+02	4.3E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Marine Loading	9324	Marine Terminal Berth #4	1330207	Xylenes (mixed)	4.9E+01	1.1E-02
Marine Loading	9325	Marine Terminal Berth #9	106990	1,3-Butadiene	3.1E-03	7.0E-07
Marine Loading	9325	Marine Terminal Berth #9	75070	Acetaldehyde	1.6E-01	3.7E-05
Marine Loading	9325	Marine Terminal Berth #9	7440382	Arsenic	2.6E-03	6.1E-07
Marine Loading	9325	Marine Terminal Berth #9	71432	Benzene	3.2E-01	7.2E-05
Marine Loading	9325	Marine Terminal Berth #9	50328	Benzo[a]pyrene	3.2E-05	7.3E-09
Marine Loading	9325	Marine Terminal Berth #9	7440417	Beryllium	4.6E-05	1.1E-08
Marine Loading	9325	Marine Terminal Berth #9	7440439	Cadmium	1.9E-03	4.3E-07
Marine Loading	9325	Marine Terminal Berth #9	18540299	Chromium, hexavalent (& compounds)	7.9E-06	1.8E-09
Marine Loading	9325	Marine Terminal Berth #9	7440508	Copper	1.8E-02	4.1E-06
Marine Loading	9325	Marine Terminal Berth #9	1319773	Cresols (mixtures of) {Cresylic acid}	9.7E-04	2.2E-07
Marine Loading	9325	Marine Terminal Berth #9	111422	Diethanolamine	5.4E-10	1.2E-13
Marine Loading	9325	Marine Terminal Berth #9	100414	Ethyl benzene	1.4E-01	3.3E-05
Marine Loading	9325	Marine Terminal Berth #9	106934	Ethylene dibromide {EDB}	1.0E-06	2.3E-10
Marine Loading	9325	Marine Terminal Berth #9	107062	Ethylene dichloride {EDC}	4.7E-07	1.1E-10
Marine Loading	9325	Marine Terminal Berth #9	50000	Formaldehyde	3.1E-01	7.2E-05
Marine Loading	9325	Marine Terminal Berth #9	110543	Hexane	4.2E-01	9.6E-05
Marine Loading	9325	Marine Terminal Berth #9	7439921	Lead	7.8E-03	1.8E-06
Marine Loading	9325	Marine Terminal Berth #9	7439965	Manganese	1.5E-02	3.3E-06
Marine Loading	9325	Marine Terminal Berth #9	7439976	Mercury	7.6E-04	1.7E-07
Marine Loading	9325	Marine Terminal Berth #9	67561	Methanol	1.5E-03	3.5E-07
Marine Loading	9325	Marine Terminal Berth #9	78933	Methyl ethyl ketone {2-Butanone}	2.3E-06	5.2E-10
Marine Loading	9325	Marine Terminal Berth #9	1634044	Methyl tert-butyl ether	8.1E-04	1.8E-07
Marine Loading	9325	Marine Terminal Berth #9	91203	Naphthalene	4.7E-02	1.1E-05
Marine Loading	9325	Marine Terminal Berth #9	7440020	Nickel	1.6E-02	3.6E-06
Marine Loading	9325	Marine Terminal Berth #9	108952	Phenol	1.6E-02	3.7E-06
Marine Loading	9325	Marine Terminal Berth #9	115071	Propylene	1.1E-01	2.6E-05
Marine Loading	9325	Marine Terminal Berth #9	7782492	Selenium	1.6E-02	3.6E-06
Marine Loading	9325	Marine Terminal Berth #9	100425	Styrene	1.5E-03	3.5E-07
Marine Loading	9325	Marine Terminal Berth #9	7664939	Sulfuric acid	2.6E-05	6.0E-09
Marine Loading	9325	Marine Terminal Berth #9	108883	Toluene	5.3E+00	1.2E-03
Marine Loading	9325	Marine Terminal Berth #9	1330207	Xylenes (mixed)	1.4E+00	3.2E-04
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	106990	1,3-Butadiene	9.5E-05	2.2E-08
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	71432	Benzene	1.0E-02	2.4E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	50328	Benzo[a]pyrene	2.1E-05	4.8E-09
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	75150	Carbon disulfide	1.1E-06	2.4E-10
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	1319773	Cresols (mixtures of) {Cresylic acid}	8.3E-07	1.9E-10
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	100414	Ethyl benzene	1.4E-02	3.2E-06
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	110543	Hexane	1.2E-02	2.7E-06
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	7783064	Hydrogen sulfide	1.4E-04	3.2E-08
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	7439976	Mercury	1.8E-10	4.0E-14
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	67561	Methanol	2.3E-04	5.2E-08
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	91203	Naphthalene	4.3E-04	9.8E-08
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	108952	Phenol	1.8E-06	4.1E-10
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	115071	Propylene	1.3E-04	2.9E-08
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	100425	Styrene	1.7E-05	3.8E-09
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	108883	Toluene	6.5E-02	1.5E-05
Fugitives	32101	Fugitive Sources - Process Vessel Depressurization	1330207	Xylenes (mixed)	7.0E-02	1.6E-05
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	106990	1,3-Butadiene	1.5E+01	3.5E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	123911	1,4-Dioxane	9.7E-05	2.2E-08
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	75070	Acetaldehyde	1.2E-04	2.8E-08
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	107028	Acrolein	2.4E-04	5.4E-08
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	7664417	Ammonia	3.5E+02	8.0E-02
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	71432	Benzene	3.6E+02	8.1E-02
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	50328	Benzo[a]pyrene	6.2E+00	1.4E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	75150	Carbon disulfide	3.4E-01	7.7E-05
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	56235	Carbon tetrachloride	1.0E-02	2.4E-06
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	463581	Carbonyl sulfide	2.6E+02	6.0E-02
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	1319773	Cresols (mixtures of) {Cresylic acid}	7.0E+00	1.6E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	111422	Diethanolamine	1.1E+01	2.6E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	100414	Ethyl benzene	2.9E+02	6.6E-02
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	106934	Ethylene dibromide {EDB}	4.1E-01	9.3E-05
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	107062	Ethylene dichloride {EDC}	2.0E-01	4.6E-05
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	110543	Hexane	3.2E+02	7.2E-02
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	7783064	Hydrogen sulfide	3.3E+01	7.5E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	67630	Isopropyl alcohol	2.1E+00	4.7E-04
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	67561	Methanol	9.9E+00	2.3E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	78933	Methyl ethyl ketone {2-Butanone}	3.9E+00	9.0E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	1634044	Methyl tert-butyl ether	3.5E+01	7.9E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	75092	Methylene chloride {Dichloromethane}	2.3E-04	5.2E-08
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	91203	Naphthalene	3.1E+01	7.2E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	108952	Phenol	1.3E+02	3.1E-02
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	115071	Propylene	7.2E+02	1.6E-01
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	7782492	Selenium	2.8E-02	6.4E-06
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	100425	Styrene	1.9E+01	4.3E-03
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	108883	Toluene	1.3E+03	2.9E-01
Fugitives	32102	Fugitive Sources - Valves,Flanges, and Connectors	1330207	Xylenes (mixed)	1.4E+03	3.3E-01
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	106990	1,3-Butadiene	1.0E+01	2.3E-03
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	123911	1,4-Dioxane	6.4E-06	1.5E-09
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	75070	Acetaldehyde	2.8E-06	6.4E-10
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	107028	Acrolein	1.6E-05	3.6E-09
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	7664417	Ammonia	2.3E+01	5.3E-03
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	71432	Benzene	5.1E+01	1.2E-02
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	50328	Benzo[a]pyrene	1.6E+01	3.6E-03
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	75150	Carbon disulfide	2.1E-01	4.8E-05
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	56235	Carbon tetrachloride	4.0E-02	9.1E-06
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	463581	Carbonyl sulfide	2.1E+02	4.8E-02
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	1319773	Cresols (mixtures of) {Cresylic acid}	5.8E-01	1.3E-04
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	111422	Diethanolamine	6.1E+00	1.4E-03
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	100414	Ethyl benzene	5.3E+01	1.2E-02
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	106934	Ethylene dibromide {EDB}	2.3E-01	5.2E-05
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	107062	Ethylene dichloride {EDC}	1.0E-01	2.3E-05
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	110543	Hexane	6.8E+01	1.5E-02
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	7783064	Hydrogen sulfide	9.3E+00	2.1E-03
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	67630	Isopropyl alcohol	4.4E-01	1.0E-04
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	67561	Methanol	2.5E+00	5.6E-04
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	78933	Methyl ethyl ketone {2-Butanone}	8.5E-01	2.0E-04
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	1634044	Methyl tert-butyl ether	4.2E+00	9.7E-04
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	75092	Methylene chloride {Dichloromethane}	5.2E-04	1.2E-07
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	91203	Naphthalene	7.6E+00	1.7E-03
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	108952	Phenol	1.6E+02	3.7E-02
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	115071	Propylene	2.8E+02	6.4E-02

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	7782492	Selenium	2.7E-03	6.1E-07
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	100425	Styrene	8.8E+00	2.0E-03
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	108883	Toluene	1.6E+02	3.7E-02
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	1330207	Xylenes (mixed)	1.7E+02	3.9E-02
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	106990	1,3-Butadiene	4.6E-01	1.1E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	123911	1,4-Dioxane	2.2E-05	5.1E-09
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	107028	Acrolein	5.5E-05	1.3E-08
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	7664417	Ammonia	9.1E+00	2.1E-03
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	71432	Benzene	1.7E+00	3.8E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	50328	Benzo[a]pyrene	7.3E-01	1.7E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	75150	Carbon disulfide	2.6E-02	5.8E-06
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	56235	Carbon tetrachloride	1.3E-03	2.9E-07
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	463581	Carbonyl sulfide	1.8E+01	4.1E-03
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	1319773	Cresols (mixtures of) {Cresylic acid}	4.2E-01	9.5E-05
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	111422	Diethanolamine	4.4E-01	1.0E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	100414	Ethyl benzene	5.7E+00	1.3E-03
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	106934	Ethylene dibromide {EDB}	2.7E-02	6.1E-06
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	107062	Ethylene dichloride {EDC}	1.3E-02	2.9E-06
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	110543	Hexane	1.8E+00	4.2E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	7783064	Hydrogen sulfide	3.2E-02	7.3E-06
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	67630	Isopropyl alcohol	2.4E-04	5.5E-08
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	67561	Methanol	1.0E-01	2.4E-05
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	78933	Methyl ethyl ketone {2-Butanone}	7.6E-03	1.7E-06
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	1634044	Methyl tert-butyl ether	1.1E+00	2.5E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	75092	Methylene chloride {Dichloromethane}	3.7E-05	8.5E-09
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	91203	Naphthalene	1.1E+00	2.4E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	108952	Phenol	9.2E+00	2.1E-03
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	115071	Propylene	2.0E+00	4.6E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	7782492	Selenium	6.8E-05	1.6E-08
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	100425	Styrene	5.0E-01	1.1E-04
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	108883	Toluene	2.0E+01	4.6E-03
Fugitives	32104	Fugitive Sources - Pressure Relief Valves	1330207	Xylenes (mixed)	1.9E+01	4.4E-03
Wastewater Treatment	32105	Fugitive Sources - Process Drains	106990	1,3-Butadiene	1.3E+00	2.9E-04
Wastewater Treatment	32105	Fugitive Sources - Process Drains	71432	Benzene	1.2E+00	2.8E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Wastewater Treatment	32105	Fugitive Sources - Process Drains	75150	Carbon disulfide	6.4E-03	1.5E-06
Wastewater Treatment	32105	Fugitive Sources - Process Drains	1319773	Cresols (mixtures of) {Cresylic acid}	1.9E+00	4.3E-04
Wastewater Treatment	32105	Fugitive Sources - Process Drains	111422	Diethanolamine	6.4E-03	1.5E-06
Wastewater Treatment	32105	Fugitive Sources - Process Drains	100414	Ethyl benzene	7.1E-01	1.6E-04
Wastewater Treatment	32105	Fugitive Sources - Process Drains	110543	Hexane	8.4E-01	1.9E-04
Wastewater Treatment	32105	Fugitive Sources - Process Drains	7783064	Hydrogen sulfide	8.2E+00	1.9E-03
Wastewater Treatment	32105	Fugitive Sources - Process Drains	67561	Methanol	8.9E+00	2.0E-03
Wastewater Treatment	32105	Fugitive Sources - Process Drains	78933	Methyl ethyl ketone {2-Butanone}	3.2E-03	7.3E-07
Wastewater Treatment	32105	Fugitive Sources - Process Drains	1634044	Methyl tert-butyl ether	3.2E-03	7.3E-07
Wastewater Treatment	32105	Fugitive Sources - Process Drains	91203	Naphthalene	5.6E-01	1.3E-04
Wastewater Treatment	32105	Fugitive Sources - Process Drains	108952	Phenol	6.4E-03	1.5E-06
Wastewater Treatment	32105	Fugitive Sources - Process Drains	115071	Propylene	1.3E+00	2.9E-04
Wastewater Treatment	32105	Fugitive Sources - Process Drains	100425	Styrene	1.3E+00	2.9E-04
Wastewater Treatment	32105	Fugitive Sources - Process Drains	108883	Toluene	3.1E+00	7.0E-04
Wastewater Treatment	32105	Fugitive Sources - Process Drains	1330207	Xylenes (mixed)	3.8E+00	8.7E-04
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	106990	1,3-Butadiene	2.0E-02	4.6E-06
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	71432	Benzene	4.9E-01	1.1E-04
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	100414	Ethyl benzene	3.2E-02	7.4E-06
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	110543	Hexane	9.7E-01	2.2E-04
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	7783064	Hydrogen sulfide	2.2E-02	5.1E-06
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	67561	Methanol	3.7E-03	8.4E-07
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	91203	Naphthalene	1.8E-02	4.2E-06
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	115071	Propylene	1.3E-01	2.9E-05
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	108883	Toluene	2.4E-01	5.6E-05
Fugitives	32111	Fugitives -No. 17 Pump Station -Pumps & Compressor Seals	1330207	Xylenes (mixed)	1.5E-01	3.5E-05
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	106990	1,3-Butadiene	1.2E-01	2.8E-05
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	71432	Benzene	1.4E-01	3.3E-05
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	75150	Carbon disulfide	5.8E-05	1.3E-08
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	463581	Carbonyl sulfide	2.3E-03	5.2E-07
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	110543	Hexane	8.5E-02	1.9E-05
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	7783064	Hydrogen sulfide	2.2E-04	5.1E-08
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	115071	Propylene	3.3E+00	7.5E-04
Fugitives	32112	Fugitives -LPG Racks - Pumps & Compressor Seals	108883	Toluene	9.9E-02	2.3E-05
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	106990	1,3-Butadiene	4.8E-02	1.1E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	71432	Benzene	1.3E-02	3.0E-06
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	75150	Carbon disulfide	1.9E-06	4.3E-10
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	463581	Carbonyl sulfide	7.7E-05	1.8E-08
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	1319773	Cresols (mixtures of) {Cresylic acid}	4.2E-04	9.5E-08
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	111422	Diethanolamine	4.3E-02	9.9E-06
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	100414	Ethyl benzene	1.4E-02	3.3E-06
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	106934	Ethylene dibromide {EDB}	1.7E-03	3.8E-07
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	107062	Ethylene dichloride {EDC}	8.3E-04	1.9E-07
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	110543	Hexane	1.2E-01	2.6E-05
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	7783064	Hydrogen sulfide	7.7E-06	1.8E-09
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	67561	Methanol	1.8E-03	4.0E-07
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	78933	Methyl ethyl ketone {2-Butanone}	8.3E-04	1.9E-07
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	1634044	Methyl tert-butyl ether	8.3E-04	1.9E-07
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	91203	Naphthalene	6.1E-02	1.4E-05
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	108952	Phenol	8.3E-01	1.9E-04
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	115071	Propylene	8.3E+00	1.9E-03
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	100425	Styrene	2.1E-02	4.8E-06
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	108883	Toluene	3.1E-01	7.0E-05
Fugitives	32113	Fugitive Sources - Yard DIB - Pumps & Compressor Seals	1330207	Xylenes (mixed)	4.7E-02	1.1E-05
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	106990	1,3-Butadiene	6.3E-03	1.4E-06
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	71432	Benzene	3.0E-01	6.8E-05
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	50328	Benzo[a]pyrene	4.0E-07	9.1E-11
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	75150	Carbon disulfide	7.7E-04	1.8E-07
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	463581	Carbonyl sulfide	4.0E-01	9.1E-05
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	1319773	Cresols (mixtures of) {Cresylic acid}	3.6E-02	8.1E-06
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	111422	Diethanolamine	9.9E-03	2.3E-06
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	100414	Ethyl benzene	7.6E-01	1.7E-04
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	106934	Ethylene dibromide {EDB}	1.0E-03	2.3E-07
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	107062	Ethylene dichloride {EDC}	5.0E-04	1.1E-07
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	110543	Hexane	1.7E-01	4.0E-05
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	7783064	Hydrogen sulfide	6.0E-05	1.4E-08
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	67561	Methanol	1.2E-02	2.7E-06
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	78933	Methyl ethyl ketone {2-Butanone}	1.0E-03	2.3E-07
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	1634044	Methyl tert-butyl ether	2.2E-01	5.1E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	91203	Naphthalene	8.3E-02	1.9E-05
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	108952	Phenol	1.0E-04	2.3E-08
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	115071	Propylene	1.1E-02	2.6E-06
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	100425	Styrene	1.3E-02	3.0E-06
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	108883	Toluene	3.6E+00	8.2E-04
Fugitives	32114	Fugitives - No. 21 Pump Station - Pumps & Compressor Seals	1330207	Xylenes (mixed)	3.8E+00	8.6E-04
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	106990	1,3-Butadiene	1.2E+00	2.7E-04
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	71432	Benzene	7.2E-01	1.7E-04
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	50328	Benzo[a]pyrene	9.1E-07	2.1E-10
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	75150	Carbon disulfide	1.8E-03	4.1E-07
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	463581	Carbonyl sulfide	9.1E-01	2.1E-04
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	1319773	Cresols (mixtures of) {Cresylic acid}	8.1E-02	1.8E-05
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	111422	Diethanolamine	2.2E-02	5.1E-06
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	100414	Ethyl benzene	1.7E+00	3.9E-04
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	106934	Ethylene dibromide {EDB}	2.3E-03	5.2E-07
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	107062	Ethylene dichloride {EDC}	1.1E-03	2.6E-07
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	110543	Hexane	9.5E-01	2.2E-04
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	7783064	Hydrogen sulfide	1.8E+00	4.2E-04
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	67561	Methanol	7.2E-02	1.6E-05
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	78933	Methyl ethyl ketone {2-Butanone}	2.3E-03	5.2E-07
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	1634044	Methyl tert-butyl ether	5.5E-01	1.2E-04
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	91203	Naphthalene	1.9E-01	4.3E-05
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	108952	Phenol	2.3E-04	5.2E-08
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	115071	Propylene	1.3E+02	3.0E-02
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	100425	Styrene	3.0E-02	6.9E-06
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	108883	Toluene	8.2E+00	1.9E-03
Fugitives	32115	Fugitive Sources - FCC Unit - Pumps & Compressor Seals	1330207	Xylenes (mixed)	8.6E+00	2.0E-03
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	106990	1,3-Butadiene	2.3E-01	5.3E-05
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	71432	Benzene	6.4E-02	1.5E-05
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	75150	Carbon disulfide	9.1E-06	2.1E-09
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	463581	Carbonyl sulfide	3.7E-04	8.5E-08
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	1319773	Cresols (mixtures of) {Cresylic acid}	2.0E-03	4.6E-07
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	111422	Diethanolamine	2.1E-01	4.8E-05
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	100414	Ethyl benzene	7.0E-02	1.6E-05

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	106934	Ethylene dibromide {EDB}	8.1E-03	1.8E-06
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	107062	Ethylene dichloride {EDC}	4.0E-03	9.2E-07
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	110543	Hexane	5.6E-01	1.3E-04
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	7783064	Hydrogen sulfide	3.7E-05	8.5E-09
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	67561	Methanol	8.5E-03	1.9E-06
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	78933	Methyl ethyl ketone {2-Butanone}	4.0E-03	9.2E-07
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	1634044	Methyl tert-butyl ether	4.0E-03	9.2E-07
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	91203	Naphthalene	2.9E-01	6.7E-05
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	108952	Phenol	4.0E+00	9.2E-04
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	115071	Propylene	4.0E+01	9.2E-03
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	100425	Styrene	1.0E-01	2.3E-05
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	108883	Toluene	1.5E+00	3.4E-04
Fugitives	32116	Fugitive Sources - Alkyl Plant - Pumps & Compressor Seals	1330207	Xylenes (mixed)	2.3E-01	5.1E-05
Generator	32120	Internal Combustion Engine (TV: S-7502)	9901	Diesel particulate matter (Diesel PM)	1.1E+01	2.5E-03
Generator	32121	Internal Combustion Engine (TV: S-7503)	9901	Diesel particulate matter (Diesel PM)	1.1E+02	2.4E-02
Generator	32122	Internal Combustion Engine (TV: S-7504)	9901	Diesel particulate matter (Diesel PM)	1.1E+02	2.4E-02
Generator	32124	Portable Diesel Engine	9901	Diesel particulate matter (Diesel PM)	2.3E+01	5.3E-03
Other	32125	Thermal Oxidizer, LPG Plant, A-620	71432	Benzene	2.2E-05	5.0E-09
Other	32125	Thermal Oxidizer, LPG Plant, A-620	100414	Ethyl benzene	7.3E-05	1.7E-08
Other	32125	Thermal Oxidizer, LPG Plant, A-620	110543	Hexane	1.7E-04	3.8E-08
Other	32125	Thermal Oxidizer, LPG Plant, A-620	115071	Propylene	2.2E-06	5.1E-10
Other	32125	Thermal Oxidizer, LPG Plant, A-620	108883	Toluene	1.6E-04	3.7E-08
Other	32125	Thermal Oxidizer, LPG Plant, A-620	1330207	Xylenes (mixed)	2.2E-04	5.1E-08
Other	32126	Thermal Oxidizer, Tard DIB, A-622	71432	Benzene	2.1E-05	4.7E-09
Other	32126	Thermal Oxidizer, Tard DIB, A-622	1319773	Cresols (mixtures of) {Cresylic acid}	5.0E-05	1.2E-08
Other	32126	Thermal Oxidizer, Tard DIB, A-622	100414	Ethyl benzene	5.5E-05	1.3E-08
Other	32126	Thermal Oxidizer, Tard DIB, A-622	110543	Hexane	2.8E-04	6.3E-08
Other	32126	Thermal Oxidizer, Tard DIB, A-622	67561	Methanol	2.8E-05	6.5E-09
Other	32126	Thermal Oxidizer, Tard DIB, A-622	91203	Naphthalene	1.2E-04	2.7E-08
Other	32126	Thermal Oxidizer, Tard DIB, A-622	108883	Toluene	1.2E-04	2.7E-08
Other	32126	Thermal Oxidizer, Tard DIB, A-622	1330207	Xylenes (mixed)	3.7E-04	8.4E-08
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	71432	Benzene	4.3E-04	9.8E-08
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	1319773	Cresols (mixtures of) {Cresylic acid}	1.4E-07	3.2E-11
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	100414	Ethyl benzene	8.5E-04	1.9E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	106934	Ethylene dibromide {EDB}	1.4E-06	3.2E-10
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	110543	Hexane	3.7E-04	8.5E-08
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	67561	Methanol	8.1E-05	1.8E-08
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	91203	Naphthalene	6.8E-05	1.6E-08
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	108952	Phenol	1.4E-07	3.2E-11
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	115071	Propylene	1.5E-05	3.3E-09
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	100425	Styrene	1.1E-05	2.5E-09
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	108883	Toluene	4.5E-03	1.0E-06
Other	32127	Thermal Oxidizer, 21 Pump Station, A-623	1330207	Xylenes (mixed)	3.9E-03	8.9E-07
Other	32128	Thermal Oxidizer, 17 Pump Station, A-624	71432	Benzene	2.7E-04	6.1E-08
Other	32128	Thermal Oxidizer, 17 Pump Station, A-624	110543	Hexane	1.6E-04	3.6E-08
Other	32128	Thermal Oxidizer, 17 Pump Station, A-624	115071	Propylene	1.7E-04	3.8E-08
Other	32128	Thermal Oxidizer, 17 Pump Station, A-624	108883	Toluene	1.9E-04	4.3E-08
Other	32129	Thermal Oxidizer, FCC, A-627	71432	Benzene	4.4E-03	1.0E-06
Other	32129	Thermal Oxidizer, FCC, A-627	100414	Ethyl benzene	2.9E-03	6.6E-07
Other	32129	Thermal Oxidizer, FCC, A-627	110543	Hexane	5.2E-03	1.2E-06
Other	32129	Thermal Oxidizer, FCC, A-627	91203	Naphthalene	4.1E-04	9.3E-08
Other	32129	Thermal Oxidizer, FCC, A-627	108952	Phenol	4.9E-04	1.1E-07
Other	32129	Thermal Oxidizer, FCC, A-627	115071	Propylene	1.2E-04	2.7E-08
Other	32129	Thermal Oxidizer, FCC, A-627	108883	Toluene	6.3E-03	1.4E-06
Other	32129	Thermal Oxidizer, FCC, A-627	1330207	Xylenes (mixed)	1.2E-02	2.8E-06
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	71432	Benzene	6.9E-04	1.6E-07
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	100414	Ethyl benzene	1.9E-04	4.3E-08
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	106934	Ethylene dibromide {EDB}	2.2E-05	5.0E-09
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	110543	Hexane	3.1E-04	7.2E-08
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	67561	Methanol	2.3E-05	5.3E-09
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	91203	Naphthalene	8.0E-04	1.8E-07
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	108952	Phenol	1.1E-02	2.5E-06
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	115071	Propylene	1.1E-01	2.5E-05
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	100425	Styrene	1.1E-04	2.5E-08
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	108883	Toluene	2.4E-03	5.4E-07
Other	32130	Thermal Oxidizer, Alkyl Plant, A-628	1330207	Xylenes (mixed)	4.8E-04	1.1E-07
Other	32131	Crude Furnace F-1100B, A-3200	71432	Benzene	1.2E+01	2.7E-03
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	106990	1,3-Butadiene	7.9E-10	1.8E-13

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	71432	Benzene	7.9E-10	1.8E-13
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	1319773	Cresols (mixtures of) {Cresylic acid}	3.6E-08	8.3E-12
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	100414	Ethyl benzene	7.9E-10	1.8E-13
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	110543	Hexane	7.9E-10	1.8E-13
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	91203	Naphthalene	7.9E-10	1.8E-13
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	108952	Phenol	3.9E-08	9.0E-12
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	100425	Styrene	7.9E-10	1.8E-13
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	108883	Toluene	7.9E-10	1.8E-13
Other	32132	Thermal Oxidizer, Alky Plant, A-4413	1330207	Xylenes (mixed)	3.2E-09	7.2E-13
Storage Tank	32133	Fixed Roof Tank 200b, Diethanolamine, 10600 gallons	110543	Hexane	1.0E-05	2.3E-09
Storage Tank	32140	Fixed Roof Tank 1021, Diethanolamine	110543	Hexane	1.8E-04	4.1E-08
Storage Tank	32141	Fixed Roof Tank 1108, Ammonium Hydroxide, 4890 gallons	7664417	Ammonia	5.0E+02	1.1E-01
Storage Tank	32152	Fixed Roof Tank 2420	110543	Hexane	1.4E-04	3.1E-08
Storage Tank	32153	Fixed Roof Tank 2421	110543	Hexane	6.6E-05	1.5E-08
Storage Tank	32155	Fixed Roof Tank 2445	106990	1,3-Butadiene	2.4E-04	5.4E-08
Storage Tank	32155	Fixed Roof Tank 2445	75070	Acetaldehyde	5.9E-05	1.3E-08
Storage Tank	32155	Fixed Roof Tank 2445	7664417	Ammonia	3.9E-06	9.0E-10
Storage Tank	32155	Fixed Roof Tank 2445	71432	Benzene	1.1E-04	2.5E-08
Storage Tank	32155	Fixed Roof Tank 2445	50328	Benzo[a]pyrene	1.1E-04	2.6E-08
Storage Tank	32155	Fixed Roof Tank 2445	75150	Carbon disulfide	9.8E-05	2.2E-08
Storage Tank	32155	Fixed Roof Tank 2445	56235	Carbon tetrachloride	2.7E-05	6.2E-09
Storage Tank	32155	Fixed Roof Tank 2445	463581	Carbonyl sulfide	3.9E-01	9.0E-05
Storage Tank	32155	Fixed Roof Tank 2445	1319773	Cresols (mixtures of) {Cresylic acid}	4.7E-02	1.1E-05
Storage Tank	32155	Fixed Roof Tank 2445	111422	Diethanolamine	1.0E+00	2.3E-04
Storage Tank	32155	Fixed Roof Tank 2445	100414	Ethyl benzene	1.0E-05	2.4E-09
Storage Tank	32155	Fixed Roof Tank 2445	106934	Ethylene dibromide {EDB}	9.8E-05	2.2E-08
Storage Tank	32155	Fixed Roof Tank 2445	107062	Ethylene dichloride {EDC}	4.9E-05	1.1E-08
Storage Tank	32155	Fixed Roof Tank 2445	110543	Hexane	9.8E-05	2.2E-08
Storage Tank	32155	Fixed Roof Tank 2445	7783064	Hydrogen sulfide	3.9E-05	9.0E-09
Storage Tank	32155	Fixed Roof Tank 2445	67561	Methanol	1.6E-01	3.7E-05
Storage Tank	32155	Fixed Roof Tank 2445	78933	Methyl ethyl ketone {2-Butanone}	7.2E-04	1.6E-07
Storage Tank	32155	Fixed Roof Tank 2445	1634044	Methyl tert-butyl ether	4.9E-05	1.1E-08
Storage Tank	32155	Fixed Roof Tank 2445	91203	Naphthalene	1.1E-06	2.5E-10
Storage Tank	32155	Fixed Roof Tank 2445	108952	Phenol	5.5E-01	1.3E-04

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	32155	Fixed Roof Tank 2445	100425	Styrene	5.3E-05	1.2E-08
Storage Tank	32155	Fixed Roof Tank 2445	108883	Toluene	7.5E-05	1.7E-08
Storage Tank	32155	Fixed Roof Tank 2445	1330207	Xylenes (mixed)	3.8E-05	8.6E-09
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	106990	1,3-Butadiene	5.1E+00	1.2E-03
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	123911	1,4-Dioxane	4.5E-04	1.0E-07
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	107028	Acrolein	1.1E-03	2.5E-07
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	71432	Benzene	7.8E-01	1.8E-04
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	50328	Benzo[a]pyrene	4.1E+00	9.4E-04
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	75150	Carbon disulfide	2.6E-01	5.8E-05
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	463581	Carbonyl sulfide	1.0E+02	2.3E-02
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	1319773	Cresols (mixtures of) {Cresylic acid}	5.1E+00	1.2E-03
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	111422	Diethanolamine	2.7E+00	6.1E-04
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	100414	Ethyl benzene	5.9E+00	1.4E-03
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	106934	Ethylene dibromide {EDB}	2.6E-01	5.8E-05
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	107062	Ethylene dichloride {EDC}	1.3E-01	2.9E-05
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	110543	Hexane	2.6E+00	5.9E-04
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	7783064	Hydrogen sulfide	2.4E-02	5.5E-06
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	67630	Isopropyl alcohol	2.6E-03	6.0E-07
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	67561	Methanol	2.9E-01	6.7E-05
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	78933	Methyl ethyl ketone {2-Butanone}	7.7E-04	1.8E-07
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	1634044	Methyl tert-butyl ether	1.9E+00	4.4E-04
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	75092	Methylene chloride {Dichloromethane}	4.3E-04	9.7E-08
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	91203	Naphthalene	9.7E+00	2.2E-03
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	108952	Phenol	2.6E-02	5.8E-06
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	115071	Propylene	2.0E-03	4.5E-07
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	100425	Styrene	4.4E+00	1.0E-03
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	108883	Toluene	6.5E+00	1.5E-03
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	1330207	Xylenes (mixed)	2.4E+00	5.4E-04
Storage Tank	32159	Fixed Roof Tank 3218, Distillate Oil	71432	Benzene	6.0E-04	1.4E-07
Storage Tank	32159	Fixed Roof Tank 3218, Distillate Oil	50328	Benzo[a]pyrene	9.8E+00	2.2E-03
Storage Tank	32159	Fixed Roof Tank 3218, Distillate Oil	110543	Hexane	7.1E-02	1.6E-05
Storage Tank	32159	Fixed Roof Tank 3218, Distillate Oil	91203	Naphthalene	1.2E-01	2.8E-05
Storage Tank	32160	Fixed Roof Tank 3219, Propane	71432	Benzene	4.4E-07	1.0E-10
Storage Tank	32160	Fixed Roof Tank 3219, Propane	50328	Benzo[a]pyrene	5.1E-04	1.2E-07

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	32160	Fixed Roof Tank 3219, Propane	110543	Hexane	1.3E-04	2.9E-08
Storage Tank	32160	Fixed Roof Tank 3219, Propane	91203	Naphthalene	1.1E-05	2.5E-09
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	106990	1,3-Butadiene	1.9E-01	4.2E-05
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	71432	Benzene	2.8E-01	6.5E-05
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	50328	Benzo[a]pyrene	1.7E+00	4.0E-04
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	75150	Carbon disulfide	4.4E-03	1.0E-06
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	56235	Carbon tetrachloride	1.5E-03	3.4E-07
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	463581	Carbonyl sulfide	1.1E+01	2.5E-03
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	1319773	Cresols (mixtures of) {Cresylic acid}	1.0E-03	2.3E-07
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	111422	Diethanolamine	2.0E-01	4.5E-05
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	100414	Ethyl benzene	1.0E+00	2.4E-04
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	106934	Ethylene dibromide {EDB}	4.4E-03	1.0E-06
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	107062	Ethylene dichloride {EDC}	1.6E-03	3.8E-07
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	110543	Hexane	1.0E+00	2.3E-04
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	7783064	Hydrogen sulfide	1.3E-02	3.1E-06
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	67630	Isopropyl alcohol	1.3E-04	2.9E-08
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	67561	Methanol	3.6E-02	8.1E-06
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	78933	Methyl ethyl ketone {2-Butanone}	1.9E-04	4.3E-08
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	1634044	Methyl tert-butyl ether	1.6E-03	3.8E-07
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	75092	Methylene chloride {Dichloromethane}	1.9E-05	4.3E-09
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	91203	Naphthalene	6.2E-01	1.4E-04
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	108952	Phenol	9.0E+00	2.0E-03
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	115071	Propylene	6.9E+00	1.6E-03
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	7782492	Selenium	1.3E-04	2.9E-08
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	100425	Styrene	3.6E-01	8.3E-05
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	108883	Toluene	1.6E+00	3.7E-04
Storage Tank	32161	Fixed Roof Tank 3222, Residual Oil	1330207	Xylenes (mixed)	3.0E+00	6.9E-04
Storage Tank	32164	LEAN Amine Storage Tank	106990	1,3-Butadiene	1.9E+00	4.3E-04
Storage Tank	32164	LEAN Amine Storage Tank	123911	1,4-Dioxane	1.6E-04	3.7E-08
Storage Tank	32164	LEAN Amine Storage Tank	107028	Acrolein	4.0E-04	9.2E-08
Storage Tank	32164	LEAN Amine Storage Tank	71432	Benzene	2.8E-01	6.5E-05
Storage Tank	32164	LEAN Amine Storage Tank	50328	Benzo[a]pyrene	1.5E+00	3.4E-04
Storage Tank	32164	LEAN Amine Storage Tank	75150	Carbon disulfide	9.3E-02	2.1E-05
Storage Tank	32164	LEAN Amine Storage Tank	463581	Carbonyl sulfide	3.7E+01	8.5E-03

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	32164	LEAN Amine Storage Tank	1319773	Cresols (mixtures of) {Cresylic acid}	1.9E+00	4.3E-04
Storage Tank	32164	LEAN Amine Storage Tank	111422	Diethanolamine	9.7E-01	2.2E-04
Storage Tank	32164	LEAN Amine Storage Tank	100414	Ethyl benzene	2.2E+00	4.9E-04
Storage Tank	32164	LEAN Amine Storage Tank	106934	Ethylene dibromide {EDB}	9.3E-02	2.1E-05
Storage Tank	32164	LEAN Amine Storage Tank	107062	Ethylene dichloride {EDC}	4.7E-02	1.1E-05
Storage Tank	32164	LEAN Amine Storage Tank	110543	Hexane	9.4E-01	2.1E-04
Storage Tank	32164	LEAN Amine Storage Tank	7783064	Hydrogen sulfide	8.8E-03	2.0E-06
Storage Tank	32164	LEAN Amine Storage Tank	67630	Isopropyl alcohol	9.5E-04	2.2E-07
Storage Tank	32164	LEAN Amine Storage Tank	67561	Methanol	1.1E-01	2.4E-05
Storage Tank	32164	LEAN Amine Storage Tank	78933	Methyl ethyl ketone {2-Butanone}	2.8E-04	6.4E-08
Storage Tank	32164	LEAN Amine Storage Tank	1634044	Methyl tert-butyl ether	7.1E-01	1.6E-04
Storage Tank	32164	LEAN Amine Storage Tank	75092	Methylene chloride {Dichloromethane}	1.6E-04	3.5E-08
Storage Tank	32164	LEAN Amine Storage Tank	91203	Naphthalene	3.5E+00	8.1E-04
Storage Tank	32164	LEAN Amine Storage Tank	108952	Phenol	9.3E-03	2.1E-06
Storage Tank	32164	LEAN Amine Storage Tank	115071	Propylene	7.2E-04	1.6E-07
Storage Tank	32164	LEAN Amine Storage Tank	100425	Styrene	1.6E+00	3.7E-04
Storage Tank	32164	LEAN Amine Storage Tank	108883	Toluene	2.3E+00	5.4E-04
Storage Tank	32164	LEAN Amine Storage Tank	1330207	Xylenes (mixed)	8.6E-01	2.0E-04
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	106990	1,3-Butadiene	3.2E-01	7.3E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	123911	1,4-Dioxane	2.8E-05	6.4E-09
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	107028	Acrolein	6.9E-05	1.6E-08
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	71432	Benzene	4.9E-02	1.1E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	50328	Benzo[a]pyrene	2.6E-01	5.8E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	75150	Carbon disulfide	1.6E-02	3.6E-06
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	463581	Carbonyl sulfide	6.4E+00	1.5E-03
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	1319773	Cresols (mixtures of) {Cresylic acid}	3.2E-01	7.3E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	111422	Diethanolamine	1.7E-01	3.8E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	100414	Ethyl benzene	3.7E-01	8.5E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	106934	Ethylene dibromide {EDB}	1.6E-02	3.6E-06
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	107062	Ethylene dichloride {EDC}	8.0E-03	1.8E-06
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	110543	Hexane	1.6E-01	3.7E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	7783064	Hydrogen sulfide	1.5E-03	3.4E-07
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	67630	Isopropyl alcohol	1.6E-04	3.7E-08
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	67561	Methanol	1.8E-02	4.2E-06

Category	DEV	Source Description	CAS	POLN	Annual Emission (lb/yr)	Max Hourly Emission (lb/hr)
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	78933	Methyl ethyl ketone {2-Butanone}	4.8E-05	1.1E-08
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	1634044	Methyl tert-butyl ether	1.2E-01	2.8E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	75092	Methylene chloride {Dichloromethane}	2.7E-05	6.1E-09
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	91203	Naphthalene	6.1E-01	1.4E-04
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	108952	Phenol	1.6E-03	3.6E-07
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	115071	Propylene	1.2E-04	2.8E-08
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	100425	Styrene	2.7E-01	6.3E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	108883	Toluene	4.0E-01	9.2E-05
Storage Tank	32165	Fixed Roof Tank 3233, Distillate Oil	1330207	Xylenes (mixed)	1.5E-01	3.4E-05