



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

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Glossary

Acute hazard index	The potential non-cancer health impacts resulting from a one-hour exposure to toxic substances. Non-cancer acute risk is evaluated based on acute hazard index calculation.
Adverse health effect	A change in body function that might lead to disease or health problems
Age sensitivity factor	Adjustment calculations for cancer risk used in health risk assessments that account for children's increased sensitivity to air toxics
Air dispersion model	A computer program that predicts how air pollutant emissions will move from the source of emissions into the surrounding community
Best available retrofit control technology for toxics	The most effective retrofit emission controls that have been achieved for a specific type of source
Breathing rate	The amount of air a person breathes in over a specified time period
Cancer potency factor	A factor that estimates the likelihood of developing cancer from exposure to a cancer-causing or a potentially cancer-causing substance
Cancer risk	An estimate of the chance that an individual may develop cancer as a result or exposure to emitted carcinogens
Carcinogen	A substance that may cause cancer
Chronic hazard index	The potential non-cancer health impacts resulting from exposure to toxic substances usually lasting from one year to a lifetime. Non-cancer chronic risk is evaluated based on chronic hazard index calculation.
Dose	The amount of substance that enters the body over a given exposure duration
Exposure duration	The amount of time a person is exposed to a toxic air contaminant
Exposure pathway	How a substance enters the body (e.g. breathing, eating, drinking, or touching skin)
Facility risk	The health risk resulting from toxic air contaminant emissions from all stationary sources at that facility
Fraction of time at home	The percentage or amount of time a person is home throughout the day
Health effect	A change in human body function or cell structure that may cause or contribute to health problems ranging from temporary minor conditions, such as skin irritation, to permanent injury, serious disease, or death
Health risk	The potential for health effects in humans resulting from exposure to toxic air contaminants. Types of health risks include cancer risk and non-cancer impacts
Health risk assessment	An estimate of the increased chance of negative health impacts for individuals that may be exposed to toxic air contaminants, based on the best scientific information available

Maximally exposed individual	Exposed individual location where the highest exposure to a toxic air contaminant is predicted
Modified source	Any air pollution source that undergoes a physical change, a change in the method of operation, or an increase in throughput that results in emission increases
Multi-pathway toxic air contaminant	A toxic air contaminant (TAC) that enters the body through breathing and at least one other exposure pathway (eating, drinking, or touching skin) and that has health impacts resulting from these other exposure pathways
Non-cancer impact	Any negative health effect other than cancer
Prioritization score	Relative potential for health impacts based on amount and toxicity of emitted toxic air contaminants, proximity to exposed individual, and exposure factors
Reference exposure level	The amount of air pollution that is considered health-protective for a specific period of exposure time
Risk action level	A defined facility risk level, where exceedance requires risk reduction at that facility
Risk reduction plan	A document outlining detailed risk reduction measures that will be implemented to reduce health risk below risk action levels, or ensure each significant source of risk is equipped with TBARCT
Risk reduction measure	Emission controls and other practices that reduce health risks
Source	Any article, machine, equipment, or operation that produces or emits air pollutants
Source risk	The health risk resulting from TAC emissions associated with an individual source of emissions
Spatial averaging	A calculation used in health risk assessments, which is an average of the predicted air concentrations within a small area, and that is intended to represent typical human behavior throughout the length of exposure under evaluation
Significant source	An emission source that poses a risk equal to or greater than a significant source threshold
Significant source threshold	Health risk levels defined as 1.0 chance per million cancer risk, or chronic and acute hazard indices of 0.20
Stationary source	A fixed, non-mobile producer of pollution, usually at industrial or commercial facilities
Toxic air contaminant	Air pollutants that may cause or contribute to negative health impacts (adverse health effects)
Trigger levels	Air District-derived emission rate thresholds for a project at which an Air District Health Risk Assessment is required

Toxicity weighting factors Air District-derived factors for each toxic air contaminant that indicate the relative toxicity of the compound for a given type of health risk (cancer risk or non-cancer chronic impact)

Acronyms

ADMRT	Air dispersion modeling and risk tool
ASF	Age sensitivity factor
CARB	California Air Resources Board
CNS	Central nervous system
CPF	Cancer potency factor
EDE	Emergency diesel engine
FAH	Fraction of time at home
GDF	Gasoline dispensing facility
HARP2	Hotspots Analysis and Reporting Program Version 2
HI	Hazard index
HQ	Hazard quotient
HRA	Health risk assessment
Km	kilometer
MEI	Maximally exposed individual
MEIR	Maximally exposed individual resident
MEIS	Maximally exposed individual student
MEIW	Maximally exposed individual worker
NED	National elevation dataset
OEHHA	Office of Environmental Health Hazard Assessment
PAHs	Polycyclic aromatic hydrocarbons
PM	Particulate matter
PMI	Point of Maximum Impact
RAL	Risk action level
REL	Reference exposure level
REP/DEV	Reproductive/development
RMP	Risk management plan
RRM	Risk reduction measure
RRP	Risk reduction plan
TAC	Toxic air contaminant
TBARCT	Best available retrofit control technology for toxics
U.S. EPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WSPA	Western States Petroleum Association

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Preliminary Facility-Wide Health Risk Assessment Report

Chevron Richmond Refinery (Facility # 10)
841 Chevron Way, Richmond, CA 94801

1. Executive Summary

The Chevron Richmond Refinery (the Refinery) was identified as a facility with the potential to pose high health impacts and is therefore subject to the Bay Area Air District's Regulation 11, Rule 18 "Reduction of Risk from Air Toxic Emissions at Existing Facilities" (Rule 11-18). Rule 11-18 requires a facility-wide health risk assessment (HRA) to determine whether a facility's risk is at or below the Risk Action Levels.

To ensure the HRA reflects the most representative and best emissions data available, the Air District incorporated results from multiple studies and data collection efforts conducted between 2017 and 2025. In 2017, the Heavy Liquids Study (HLS)¹, was proposed and initiated. This study was completed in 2021 and allowed for enhanced emission estimates in an area of high uncertainty - fugitives from tanks and connectors at refineries. Using the information gained from the HLS, the Air District refined the latest inventory (2021) from the facility. This inventory was further enhanced with site-specific sampling that was conducted from 2024-2025 and finalized in December of 2025. This phased approach allowed the Air District to incorporate the best available science and site-specific data, resulting in a more robust and accurate assessment. A preliminary facility-wide HRA was conducted for the Refinery using this Air District approved toxic emissions inventory in adherence with the Petroleum Refinery Emissions Inventory Guidance (PREIG) and Air District's HRA Modeling Protocol.

Summary of Results

The preliminary facility-wide HRA results show, for the maximally exposed individual (MEI), an estimated cancer risk of **37 in a million**, a chronic hazard index (chronic HI) of **0.26**, and an acute hazard index (acute HI) of **1.2**.

These results and respective risk action levels (RALs) are in Table 1.

Table 1. Facility-wide health risks from the Chevron Refinery

Receptor Type	Cancer Risk ² (chance per million)	Chronic Hazard Index	Acute Hazard Index
Resident	37	0.26	-
Off-site Worker	2.5	0.10	-
Student	1.3	0.13	-
Maximally Exposed Individual (MEI)	37	0.26	1.2
<i>Risk Action Level (RAL)</i>	<i>≥ 10 chances per million</i>	<i>≥ 1.0</i>	<i>≥ 1.0</i>

¹ Fugitive Emissions from Petroleum Refinery Equipment in Heavy Liquid Service (April 2022), <https://www.baaqmd.gov/~media/files/engineering/refinery-emissions-inventory-guidelines/heavy-liquids-study-report-april2022-final-pdf.pdf>

² Unless noted otherwise, cancer risks in this report are reported in the unit of chance(s) per million.

Risk by Pollutant

Figure 1, Figure 2, and Figure 3 break down the risk by pollutant with a focus on the largest contributors to health risks at each MEI. The major pollutants contributing to cancer risk at the residential cancer MEI are Polycyclic Aromatic Hydrocarbons (PAHs) as Benzo[a]pyrene equivalent³ (74%), Diesel PM (11%), and Arsenic (5%). For chronic HI, the major contributors are at the chronic MEI are Arsenic (87%), Nickel (5%), and Sulfuric Acid (4%). For acute HI, the major contributors at the acute MEI, also referred to as the Point of Maximum Impact (PMI), are Benzene (91%) and Nickel (9%).

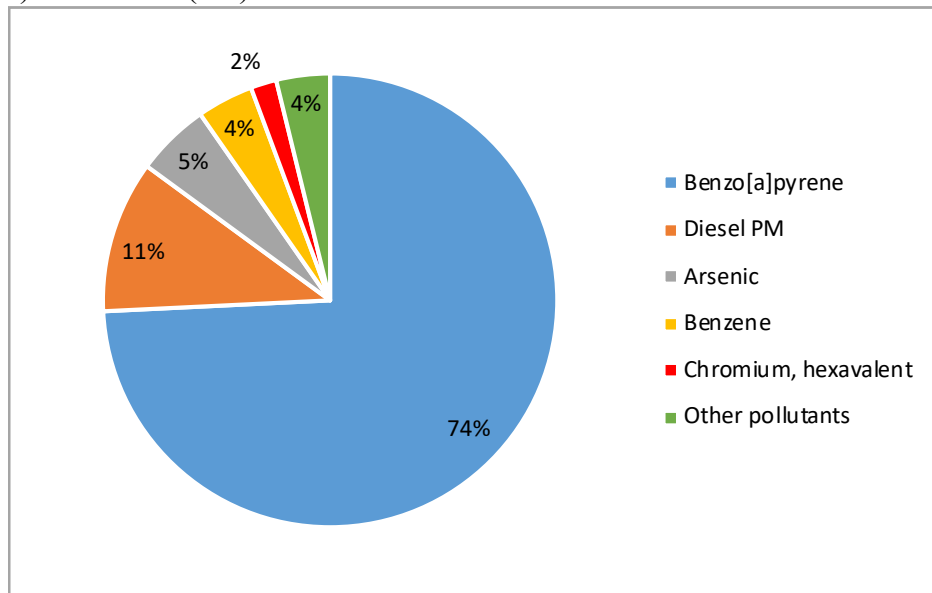


Figure 1. Cancer risk at the MEI, with benzo[a]pyrene being the primary contributor (74%)

³ Except for naphthalene, Office of Environmental Health Hazard Assessment uses potency equivalency factors to calculate Benzo(a)pyrene equivalents for PAHs, expressing the carcinogenicity of a mixture as a single value. Unless noted otherwise, Benzo(a)pyrene in this report denotes PAHs-as-Benzo(a)pyrene equivalents.

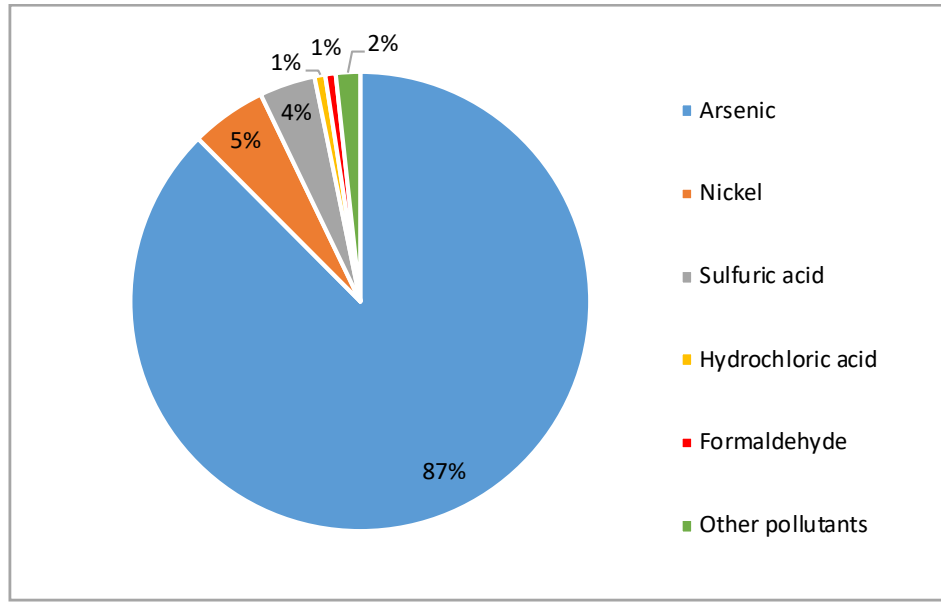


Figure 2. Chronic risk (or chronic HI) at the MEI, with arsenic being the primary pollutant (87%)

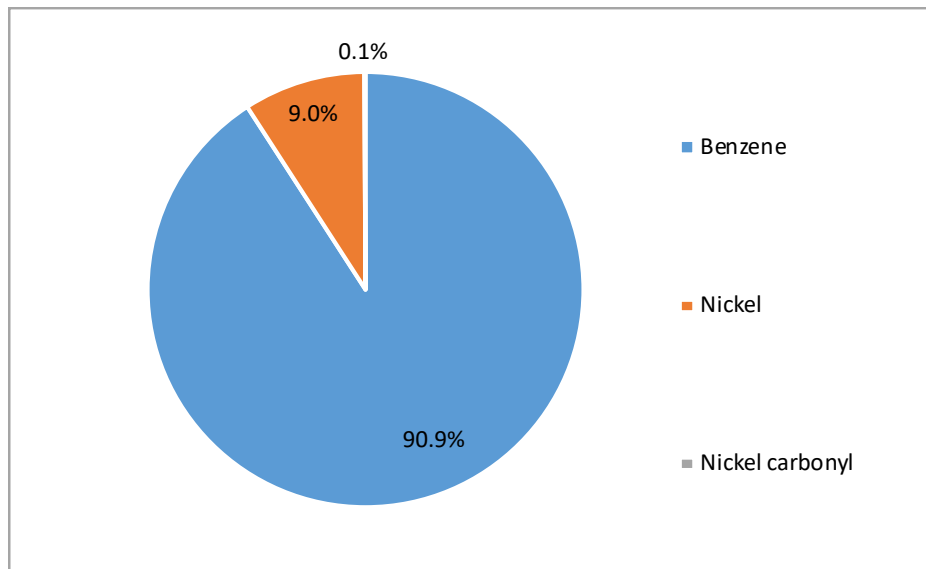


Figure 3. Acute risk (or acute HI) at the MEI, with benzene being the primary contributor (91%)

Significant Sources

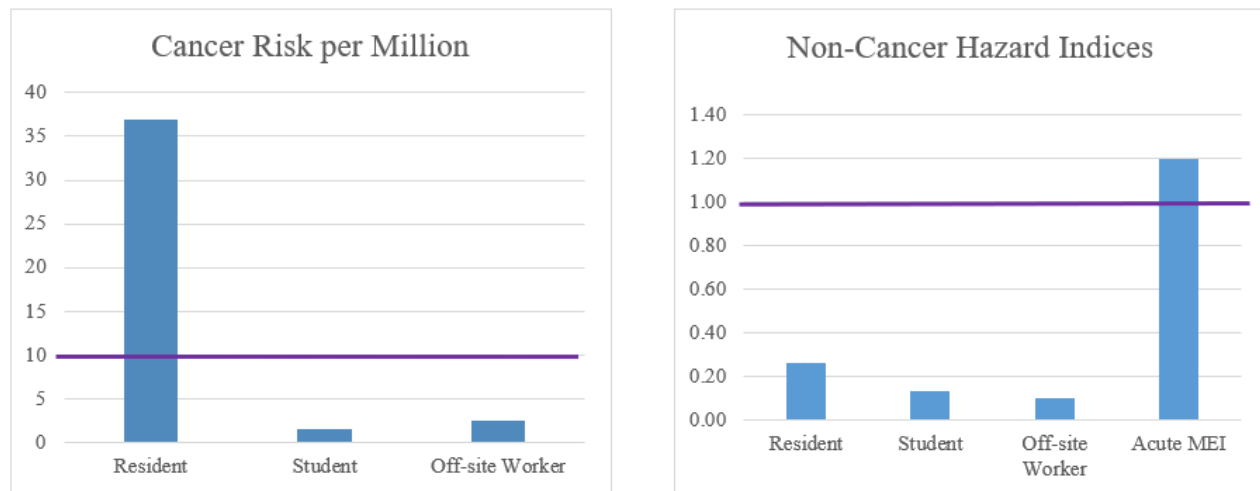
A significant source is defined in Regulation 11-18-221 as a source that contributes a cancer risk greater than or equal to 1.0 chance in a million at the MEI and/or a chronic/acute hazard index greater than or equal to 0.20 at the MEI. The Air District's preliminary determination is that the following sources are significant sources of health risk:

Table 2. List of significant sources

Category	Source Number	Source Description
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals
Storage Tank	3216	Tank 3216: Organic Liquid Storage Tank
Fugitives	32102	Fugitive Sources - Valves, Flanges & Connectors
Storage Tank	32158	Fixed Roof Tank 3217, Diesel
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank
Storage Tank	32159	Fixed Roof Tank 3218, Distillate Oil
Storage Tank	32164	Fixed Roof Tank 3227, Diesel
Generator	32121	Internal Combustion Engine (TV: S-7503)
Generator	32122	Internal Combustion Engine (TV: S-7504)
Wastewater Treatment	4393	Bio-reactor

Next Steps

The Air District's preliminary conclusion is that Chevron will be required to meet the Risk Reduction Plan (RRP) requirements identified in Regulation 11-18-301 because the estimated facility-wide cancer risk and acute risk exceeds the respective RALs as shown in Figure 4.

**Figure 4.** Comparison of health risks from Chevron Refinery to RALs

If the facility cannot reduce cancer risk below 10-in-a-million and acute HI below 1.0, the facility must demonstrate in the RRP that each of the above noted significant sources meet best available retrofit control technology for toxics (TBARCT).

The facility and public will be given 90 days to review and comment on the preliminary HRA. The Air District will consider and respond to any comments received regarding the preliminary HRA. New information brought forth during this time will be reviewed and may be incorporated into the

HRA before finalizing. Incorporation of new data may result in an increase or decrease in the estimated risk.

If the final HRA demonstrates that health risks exceed the RAL, the facility will be notified in writing that it is required to meet the RRP requirements identified in Regulation 11-18-301. A proposed RRP will be due within 180 days of this written notification.

2. Introduction

The purpose of Regulation 11, Rule 18 “Reduction of Risk from Air Toxic Emissions at Existing Facilities” (Rule 11-18) is to identify existing facilities with the highest potential health impacts across the Bay Area and require them to reduce those impacts. Rule 11-18 requires existing facilities with health risks above specified risk action levels (RAL) to either reduce those health risks below the Rule 11-18’s RALs or implement best available retrofit control technology for toxics (TBARCT) on all significant sources of health risks.

As of the publication of this report, Rule 11-18 recently underwent amendments focused on *procedural improvements and implementation efficiency*. The procedural amendments do not have any impact on the results of facility-wide health risk assessments performed. To learn more about the amendment process, please refer to the Air District’s rule development webpage.

The following sections provide a technical discussion of the procedures used to evaluate health risks. This includes the methods for identifying facilities subject to Rule 11-18 through the prioritization score process, the approach used to conduct a facility-wide health risk assessment (HRA), and the application of RALs to determine compliance with Rule 11-18.

Toxic Air Contaminants and Health Risk

A toxic air contaminant (TAC) is an air pollutant that may cause or contribute to an increase in mortality or in serious illness or that may pose a present or potential hazard to human health. TACs are emitted from many types of industrial and commercial activities, including combustion of natural gas for heat or power, painting and coating operations, waste-handling operations, and a variety of other processes.

When emitted, TACs disperse into the surrounding air, potentially exposing nearby individuals via ingestion, skin contact, or inhalation. These individuals are referred to as receptors and are classified by the amount of time they are likely to spend near the facility. Common receptor types include residential and off-site workers. Air dispersion modeling and health risk assessment tools are used to estimate pollutant concentrations and the potential health risks at these receptor locations.

Health risk is categorized as either cancer or non-cancer risk. Cancer risk is the estimated chance that an individual may develop cancer as result of exposure to emitted carcinogens. Non-cancer risk refers to other potential health effects, such as respiratory or cardiovascular impacts. Non-cancer health effects may result from short-term (acute) and long-term (chronic) exposures.

Identification and Prioritization

Facilities that may pose a high health risk are identified using a toxic emissions-based screening threshold called a “Prioritization Score”. Prioritization scores represent the relative potential for health impacts from a facility based on:

- the amount of TACs emitted
- the relative toxicity of the TACs emitted, and
- the proximity of the facility to possible receptors

The Prioritization score is not a measure of the absolute risk that emissions from a facility pose to the surrounding community. It is used only as *a conservative indicator of possible risk*. To account for both types of health risk, two prioritization scores are calculated: a cancer and non-cancer score.

These scores are calculated annually for all permitted facilities within the Air District’s jurisdiction, using the most current Air District-approved toxic emissions inventory. Prioritization score calculation procedures are available on the Air District’s web site and in Appendix A of Rule 11, Rule 18.

Based on these scores, a facility may be prioritized to undergo a facility-wide HRA.

Health Risk Assessment and Risk Action Levels

Once a facility is identified as requiring a facility-wide HRA, the Air District initiates the process to complete a preliminary (draft) assessment. This process includes the following steps:

- Collect facility specific information such as the toxic emissions inventory and site-specific source parameters
- Verify that the toxic emissions inventory is representative of routine operations at the facility and in line with the Air District-approved emission calculations.
- Conduct air dispersion modeling to estimate pollutant concentrations at surrounding receptor locations.⁴
- Calculate cancer and non-cancer health risks.

The preliminary assessment determines the total cancer and non-cancer health risks posed by the facility's operations and identifies the individual sources within the facility that contribute most significantly to these risks (significant sources).

The results of the preliminary assessment are then compared to the Rule 11-18 RALs, as defined in Regulation 11-18-217, and to the "significant source" thresholds described in Regulation 11-18-220. These thresholds are summarized in the tables below.

Table 3. Regulation 11-18 RALs

Health Risk Category	RALs
Cancer Risk	≥ 10 chances per million
Non-Cancer Chronic Hazard Index	≥ 1.0
Non-Cancer Acute Hazard Index	≥ 1.0

Table 4. Regulation 11-18 Significant Source Thresholds

Health Risk Category	Threshold
Cancer Risk	≥ 1.0 chance per million
Non-Cancer Chronic Hazard Index	≥ 0.20
Non-Cancer Acute Hazard Index	≥ 0.20

⁴ The 2026 amendments to Rule 11-18 require facilities to prepare preliminary HRAs using Air District-approved modeling protocols. The protocols apply standardized methods customized with site-specific information, allowing for greater efficiency by leveraging facility-specific knowledge and resources and enabling more preliminary HRAs to move forward simultaneously.

The RALs are evaluated at the location of the Maximally Exposed Individual (MEI), which represents the receptor estimated to experience the highest health risk. Significant source thresholds are also determined based on each source's contribution to the risk at this MEI location.

The results of the preliminary HRA are presented to the public and the facility for comment. After this comment period, the Air District may make further corrections or updates to the toxic inventory and preliminary HRA. These changes are incorporated into the final HRA.

If the final HRA results in facility-wide health risk levels that exceed any of the RALs, the facility must submit a Risk Reduction Plan (RRP) that demonstrates how it will either (a) reduce health risks below the RALs, or (b) ensure that each significant source of risk is equipped with TBARCT.

3. Purpose

This HRA report was prepared to evaluate potential health risks associated with emissions of TACs from facility operations. The purpose of this assessment is to quantify potential cancer and non-cancer health risks to nearby residents and workers and to determine whether the facility's emissions exceed regulatory RALs. The HRA provides an evaluation of relevant exposure pathways and the potential level of risk posed by emissions from the facility.

The report provides a summary of the methodology, including the modeling approach and key assumptions, followed by the results of the HRA.

This assessment focuses on stationary sources, including boilers, heaters, process units, and wastewater treatment operations, as well as fugitive emissions from storage tanks and other equipment components. These emission sources are described in more detail in the Background section. Exposure pathways evaluated include inhalation, dermal exposure, and ingestion when applicable.

4. Background

The Refinery, located in the city of Richmond, is a 2,900-acre petroleum refinery owned and operated by Chevron Corporation.

The Refinery currently has the capacity to refine over 245,000 barrels of crude oil, making it the third largest refinery in California. The Refinery processes crude oil into a variety of products such as gasoline, diesel, aviation fuel, and other feedstocks for the petrochemical industry. Figure 8 in Appendix A depicts a typical crude oil refinery.

For the Refinery, emissions have been categorized into the following process groups:

- Boiler/Heater
- Catalytic Cracking
- Cogeneration
- Cooling Towers
- Fugitives
- Generator
- Marine loading
- Storage Tank
- Sulfur Plant
- Vapor Recovery/ Flares
- Wastewater Treatment

- Other (abrasive blasting, paint booth, etc.)

Boilers/Heaters

This group includes emissions from stationary combustion sources such as process heaters and furnaces. Combustion emissions may result from burning natural gas, refinery fuel gas, or recycled tail gas in these heaters.

Catalytic Cracking

This group includes emissions from the fluid catalytic cracking (FCC) unit, a complex processing unit that converts heavier hydrocarbons into lighter petroleum products such as gasoline. FCC systems consist of a reactor and a regenerator. During cracking, petroleum coke forms on the catalyst and must be burned off in the regenerator, producing combustion-related and TAC emissions.

Cogeneration

This group includes emissions from the use of natural gas in a combined heat and power system. In this process, natural gas is combusted to drive a turbine, and the waste heat is recovered along with any additional refinery fuel gas that is combusted at the burners of the heat recovery generator, which is used to supply energy for other refinery operations.

Cooling Towers

Cooling water is used in refineries in heat exchange systems and condensers to cool or condense various product streams. Cooling towers serve as heat exchangers that remove heat from the cooling water by exposing it to air. Emissions of volatile organic compounds (VOCs) and toxic air contaminants can occur when leaks in heat exchangers or condensers allow hydrocarbons to enter the cooling water. Additional emissions may occur through stripping and drift loss.

Fugitives

This group includes fugitive emissions from equipment components such as pump and compressor seals, valves, pressure relief devices, flanges, connectors, and from process vessel depressurization. These emissions result from small leaks that occur during normal operation.

Generators

This group includes emissions from internal combustion engines powered by diesel fuel. These engines may serve as emergency backup power sources, prime engines, or portable units used throughout the facility.

Marine Loading

This group includes emissions from loading petroleum products onto marine vessels. During loading, VOCs and toxic air contaminants may be released as vapors from the storage tanks of the vessel are displaced.

Storage Tanks

This group includes emissions from tanks used to store intermediate and final products. Emissions may occur through “breathing” losses (expansion and contraction due to temperature changes) and “working” losses (movement of product into or out of the tank).

Sulfur Plants

This group includes emissions from the sulfur recovery units, where hydrogen sulfide (H₂S)–rich gas is processed to produce high-purity sulfur for sale. Hydrogen sulfide is generated during hydrotreating, cracking, and other refining processes that remove sulfur compounds from crude oil.

Vapor recovery/Flares

This group includes emissions from vapor recovery systems and industrial flares. Flares are used to combust waste gases and reduce the amount of unburned organic compounds released to the atmosphere. However, incomplete combustion can result in emissions of toxic air contaminants.

Wastewater treatment

This group includes emissions from the facility’s wastewater treatment operations. Emissions may arise from processes such as oil–water separation, and biological treatment.

Other

This group includes emissions from minor or ancillary operations such as abrasive blasting, painting operations, gasoline dispensing, and thermal oxidizers used to control emissions from various refining processes.

The Refinery is subject to Air District Rule 11-18, which requires facilities with prioritization scores above established screening thresholds to undergo a facility-wide HRA. The following sections present a detailed discussion of the facility’s prioritization scores, the emissions inventory used in the HRA, and the methodology applied to evaluate potential health risks.

5. Prioritization Score

Using the refined 2021 emissions inventory, the Refinery’s cancer risk prioritization score is estimated to be 5,334, and its non-cancer risk prioritization score is estimated to be 111. Both scores exceed the lower threshold values of 10.0 (cancer) and 1.0 (non-cancer), as well as the higher threshold values of 250.0 and 10.0, respectively, thereby categorizing the facility as Phase I.

It is important to note that the prioritization score is not an absolute measure of health risk, but rather a screening tool used to identify facilities that may pose elevated risks and warrant further evaluation. Based on these scores, the Refinery is required to undergo a facility-wide health risk assessment.

6. Emissions Inventory

In April 2016, Regulation 12, Rule 15: Petroleum Refining Emissions Tracking (Rule 12-15) was adopted. Rule 12-15 requires all refineries and support facilities to submit consistent, enhanced annual emissions inventory information to the Air District. This data is then used to accurately and fully characterize emissions for air pollutants from all refinery-related emissions sources on an on-going basis.

As part of Rule 12-15 implementation and to ensure a consistent approach to estimating emissions is used, the Air District developed the Petroleum Refinery Emissions Inventory Guidelines (PREIG). These guidelines outline emission estimation methods per process or process group. The overriding principles of these methods are as follows:

- Direct measurement is preferable to calculated emissions.
- Continuous measurement is preferable to periodic testing.
- Periodic source testing should be representative of typical source operation (unless intentionally testing for atypical conditions). If multiple source tests are available for the same source, source tests covering the inventory period should be used whenever available unless the source test represents atypical operation.
- Emission factors that are based on source testing should be updated as processes change.
- Use default emission factors only when other data is not available. While it is desirable to avoid using default emission factors, it is impractical to directly measure or test all sources for all pollutants under all operating scenarios. However, such factors will not capture emission trends over time, due to changing operation.
- When multiple default emission factors are available for a given criteria pollutant/toxic air contaminant, use the following order of preference:
 1. California Air Toxics Emission Factors
 2. U.S. EPA Emission Estimation Protocol for Petroleum Refineries
 3. U.S. EPA AP 42, Compilation of Air Pollutant Emission Factors

In addition to developing the PREIG and as a part of the effort to fully characterize emissions, from 2017 to 2021, the Air District conducted a joint study with five San Francisco Bay Area petroleum refineries to understand the average emission rate of organic compounds from leaks of petroleum refinery components (valves, connectors, pumps, and pressure relief devices that relieve to atmosphere) handling “heavy” materials, or materials with an initial boiling point greater than 302 degrees Fahrenheit. The results of this study are summarized in the Heavy Liquids Study report (HLS).

Calendar year 2021 emissions have undergone extensive review by the Air District using the guidance outlined in the PREIG and is the first year in which the results of the HLS were applied to estimate toxic air contaminant emissions resulting from the fugitive release of organic compounds. In addition, in early 2025, the Refinery sampled heavy liquid materials such as diesel, gas oil, and lube oil from multiple locations to obtain site-specific liquid weight fraction speciation data for benzene, naphthalene, and polycyclic aromatic hydrocarbons (PAHs; Benzo[a]pyrene). These sampling results replace the default vapor phase speciation profile data. Sampling of the liquid versus the vapor results in a conservative estimate of emissions in the vapor phase as not all components of the liquid are expected to volatilize. This was discussed with the Refinery, and it was concluded that this sampling, although conservative, is acceptable for use in estimating emissions from fugitives and tanks. This site-specific sampling in addition to refined organic emissions estimates for fugitive components ensure that this emissions inventory more accurately represents operations at the Refinery. For these reasons, calendar year 2021 is considered to be the most representative data available for routine operations at the facility.

Facility-wide emissions by toxic air contaminant are presented in Table 5. The toxic emissions inventory does not account for dispersion attributes such as distance to receptors and stack height. The connection between emissions at the source, dispersion, and exposure is done through the completion of an HRA

A detailed list of TAC emissions by source is provided in Appendix H.

Table 5. 2021 facility-wide emissions of toxic air contaminants

Pollutant Name	CAS ID	Annual Emission (lbs/year)	Max Hourly Emission (lbs/hour) ⁵
1,2-Dibromo-3-chloropropane	96128	11	0.0026
1,3-Butadiene	106990	70	0.016
1,4-Dioxane	123911	0.0016	0.00000035
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746016	0.0000057	0.000000013
2,4,6-Trichlorophenol	88062	0.2	0.000045
Acetaldehyde	75070	5,700	1.3
Acrolein	107028	880	0.2
Ammonia	7664417	220,000	51
Arsenic	7440382	50	0.011
Benzene	71432	5,600	1.3
PAHs-as-Benzo[a]pyrene equivalent	50328	65	0.015
Beryllium	7440417	3.1	0.00071
Cadmium	7440439	45	0.01
Carbon disulfide	75150	440	0.1
Carbon tetrachloride	56235	71	0.016
Carbonyl sulfide	463581	1,900	0.43
Chlorine	7782505	8.4	0.0019
Chloroform	67663	570	0.13
Chromium, hexavalent (& compounds)	18540299	14	0.0031
Cobalt	7440484	0.88	0.0002
Copper	7440508	270	0.062
Cresols (mixtures of){Cresylic acid}	1319773	140	0.032
Cyanide compounds (inorganic)	57125	920	0.21
Di(2-ethylhexyl) phthalate	117817	7.0	0.0016
Diesel particulate matter (Diesel PM)	9901	640	0.16
Diethanolamine	111422	190	0.042
Ethyl benzene	100414	3,200	0.74
Ethylene dibromide {EDB}	106934	3.2	0.00073
Ethylene dichloride {EDC}	107062	12,000	2.8
Ethylene glycol	107211	0.071	0.000016

⁵ Max hourly emissions are based on source operation schedule. If source operation schedule is unknown, a conservative estimate of twice the hourly average was assumed.

Pollutant Name	CAS ID	Annual Emission (lbs/year)	Max Hourly Emission (lbs/hour) ⁵
Ethylene glycol monobutyl ether	111762	0.17	0.00004
Formaldehyde	50000	32,000	7.3
Hexane	110543	35,000	8.1
Hydrochloric acid	7647010	62,000	14
Hydrocyanic acid	74908	74,000	17
Hydrogen sulfide	7783064	11,000	2.5
Isopropyl alcohol	67630	4.7	0.0011
Lead	7439921	120	0.027
Manganese	7439965	1,200	0.27
Mercury	7439976	32	0.0073
Methanol	67561	97	0.022
Methyl bromide {Bromomethane}	74839	42	0.0096
Methyl chloroform {1,1,1-Trichloroethane}	71556	380	0.087
Methyl ethyl ketone {2-Butanone}	78933	560	0.13
Methyl tert-butyl ether	1634044	410	0.094
Methylene chloride {Dichloromethane}	75092	15,000	3.3
Naphthalene	91203	570	0.13
Nickel	7440020	340	0.078
Nickel carbonyl	13463393	28	0.0063
PCBs {Polychlorinated biphenyls}	1336363	0.0012	0.00000027
Perchloroethylene {Tetrachloroethene}	127184	110	0.024
Phenol	108952	870	0.2
Phosphoric acid	7664382	0.11	0.000025
Propylene	115071	3,600	0.83
Propylene glycol monomethyl ether	107982	0.17	0.00004
Propylene oxide	75569	170	0.038
Selenium	7782492	1,900	0.43
Styrene	100425	110	0.026
Sulfuric acid	7664939	40,000	9.1
Toluene	108883	13,000	2.9
Toluene diisocyanates	26471625	0.26	0.00006
Trichloroethylene	79016	220	0.051
Vanadium (fume or dust)	7440622	62	0.014
Vinyl chloride	75014	22	0.005
Xylenes (mixed)	1330207	12,000	2.8

7. Health Risk Assessment

7.1 Air Dispersion Modeling

Air dispersion modeling is used to estimate offsite air concentrations of TACs, in the surrounding community, associated with facility operations and emissions. The AERMOD air dispersion computer model (Version 24142) was used to estimate annual average and maximum 1-hour TAC concentrations in ambient air from the modeled sources. AERMOD is a steady-state plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, and both simple and complex terrain. These modeled air concentrations are used to estimate potential cancer and non-cancer risks from exposure to TACs emitted from facility operations. The inputs used to complete this modeling are outlined in the following sections.

Receptors and Terrain Data

Receptors are locations at which air concentrations are estimated. Nested Cartesian receptor grids with progressive receptor spacing were used in the air dispersion model. A total of 5,202 discrete cartesian receptors consisting of:

- 50-meter spacing receptors along the property boundary line;
- 100-meter spacing from facility centroid forming a 2-kilometer (km) northing by 2-km easting grid;
- 200-meter spacing from facility centroid forming a 4-km northing by 4-km easting grid;
- 300-meter spacing from facility centroid forming a 6-km northing by 6-km easting grid; and
- 400-meter spacing from facility centroid forming a 10-km northing by 10-km easting grid.

These nested Cartesian receptor grids can capture high resolutions for areas near the Refinery, while ensuring computational efficiency to capture health risks at a regional level spanning multiple cities. All receptors in the model include a flagpole height of 1.5 meters to better capture pollutant concentrations in the human breathing zone. The model is referenced in NAD 83 UTM coordinates and uses terrain data from 10-meter resolution United States Geological Survey (USGS) National Elevation Dataset (NED) files covering Marin and Contra Costa counties.

Emission Point Allocations - Modeled Source Designations

The model includes 266 “modeled sources”, or emission release points, combined into 225 source groups, consisting of: Point Sources, Area Sources, Area Circular Sources and Area Poly Sources. Sources may have multiple stacks and/or release points. Other sources have combined emissions from a single stack or release point. To portray these situations accurately, the modeled sources represent release points not individual sources. The model outputs dispersion results for the 225 source groups, which are used in the health risk calculations. The relationship between the 225 source groups and emission sources with health risk estimated in HARP2 is in Appendix F.

Meteorological and Upper Air Data

Meteorological data consists of measurements of atmospheric conditions, including temperature, wind speed, and wind direction. Model runs were made with five years of available Chevron AERMET meteorological data sets (2012, 2013, 2015-2017) processed by Air District meteorology staff. The 2014 Chevron meteorological data was not included in the data sets because it does not meet the 90% data capture requirement. The Chevron meteorological tower is located on the

northeastern corner of Chevron's property. The meteorological data collected from this tower is considered to be representative for the Refinery operations because it's located onsite. Figure 5 presents the wind rose for Chevron meteorological data, depicting the predominant wind speed and direction. The wind rose shows that winds are predominantly blowing from the south with small contributions from the west, southwest, southeast and north directions and minimal periods of calm winds. Upper air data coincident with the local meteorological data was taken from the Oakland International Airport. The Oakland International Airport upper air data is used to represent upper air conditions of all counties within the Air District's jurisdiction. Land use parameters were evaluated using the United States Environmental Protection Agency (U.S. EPA)'s AERSURFACE tool.

Air Dispersion Coefficients

The model uses the Rural dispersion algorithm. Dispersion coefficients for AERMOD were selected based on the land use classification method proposed by Auer (Auer, 1978). The classification determination involves assessing land use by Auer's categories within a 3-km radius of the facility site. U.S. EPA's AERSURFACE tool (version 20060) with USGS National Land Cover Data (NLCD_2016) was used to summarize the land use classifications within a 3-km radius of the facility. Auer Urban land use categories were found to make up less than 50% of the total area, after subtracting open water area from the analysis (49.4%)⁶. Therefore, AERMOD was run with the Rural dispersion algorithm.

⁶ Note on using land use procedure near bodies of water:

Section 7.2.1.1 of the Guideline on Air Quality Models (EPA, 2017) provides the basis for determining the urban/rural status of a source. For most applications the Land Use Procedure described in Section 7.2.1.1(b)(i) is sufficient for determining the urban/rural status. However, there may be sources located within an urban area, but located close enough to a body of water or to other non-urban land use categories to result in a predominately rural land use classification within 3 kilometers of the source following that procedure.

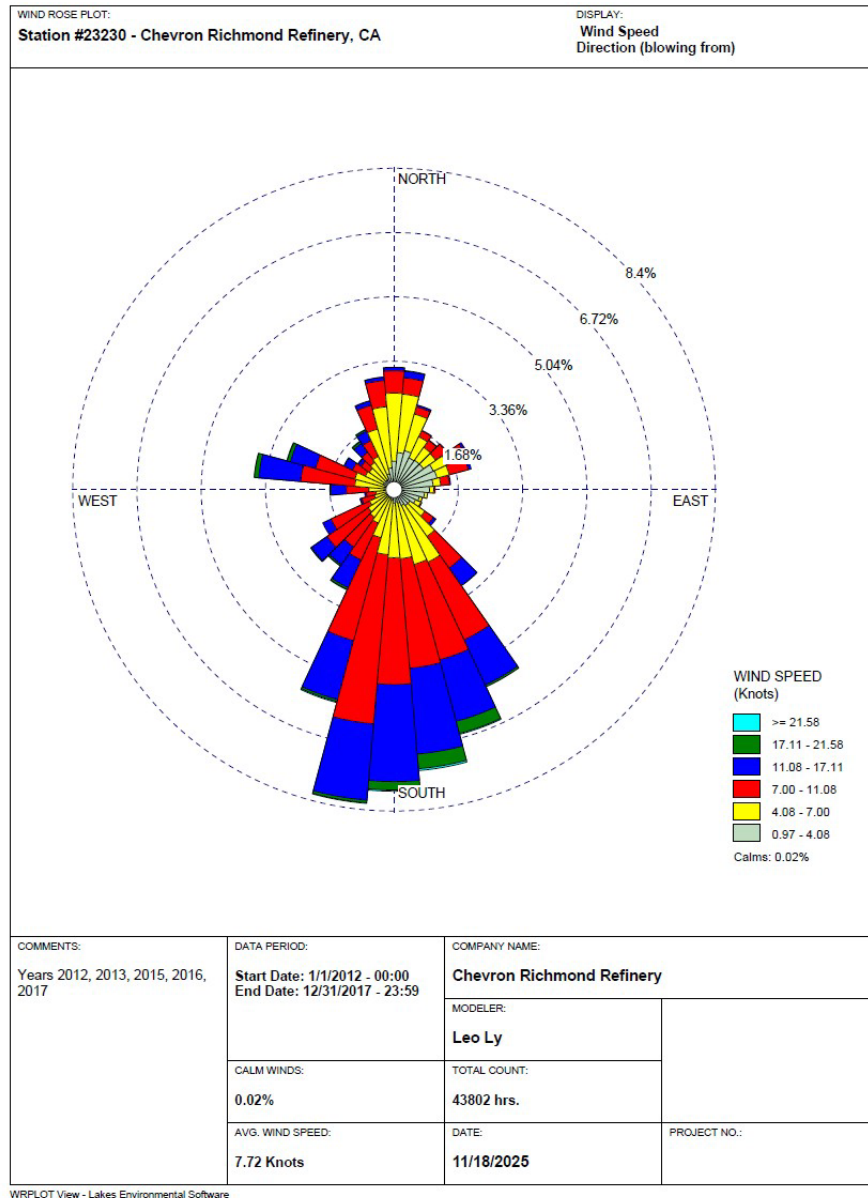


Figure 5. Wind rose plot

7.2 Risk Characterization

This HRA was prepared using the Hotspots Analysis and Reporting Program (HARP) created by California Air Resource Board (CARB). This program uses the estimated emission rates from the facility and the modeled air concentration results of the analysis generated by AERMOD to compute the estimated exposure and potential health risks at each receptor location. The analysis also considers multiple exposure pathways (e.g., inhalation, dermal exposure, and ingestion when applicable) and applies age-specific and receptor-specific factors consistent with OEHHA guidance. All modeling inputs, assumptions, and parameters used in this analysis are documented to ensure transparency and reproducibility.

The most recent version of HARP (Version 2), Air Dispersion Modeling and Risk Tool (ADMRT) version 22118 was used to evaluate health risk for the MEI in the following categories:

- (1) Cancer risk for residential, off-site worker, and student receptors;
 - (2) Non-cancer chronic hazard index (HI) for residential, off-site worker, and student receptors; and
 - (3) Non-cancer acute HI for maximally exposed 1-hour receptors
- Cancer risk is the estimated chance that a person might contract cancer after long-term exposure to facility emissions (for example, 30 years for a resident and 25 years for a worker).
 - Chronic risk is an estimate of the potential non-cancer health impacts resulting from exposure to TACs over an extended period, usually several years to a lifetime. For a single pollutant, it is calculated as the ratio of modeled annual average concentration of the pollutant in the air to the established pollutant-specific chronic reference exposure level (RELs) and is referred to as a hazard quotient (HQ). Chronic HI is the sum of hazard quotients for all pollutants with non-cancer health effects that have the same or similar adverse health effects (endpoints). A chronic HI below 1.0 indicates that adverse non-cancer health effects from long-term exposure are not expected.
 - Acute risk is an estimate of the potential non-cancer health impacts resulting from one-hour exposure to TACs. For a single pollutant, it is calculated as the ratio of modeled maximum 1-hour concentration of the pollutant in the air to the established pollutant-specific acute REL and is referred to as a hazard quotient (HQ). The acute HI is the sum of hazard quotients for pollutants with non-cancer health effects that have the same or similar adverse health effects (endpoints). An acute hazard index below 1.0 indicates that adverse non-cancer health effects from infrequent short-term exposure are not expected.

Health risk estimates were calculated in accordance with the Air District's Air Toxics NSR Program HRA Guidelines, dated December 2021, using the following assumptions:

- Dispersion modeling for the ADMRT is based on unit emission rates of 1.0 grams per second for each source (or combined source) and determines maximum 1-hour and annual average unit concentrations in micrograms per cubic meter, per gram per second (X/Q).
- Emission sources operate continuously.
- TAC emissions are continuous, and pollutant concentrations are annual average values when estimating chronic exposure.
- Acute exposure is based on maximum hourly emission rates, and pollutant concentrations are maximum 1-hour values.
- For non-acute (chronic and cancer) risk assessments evaluating health impacts from non-inhalation pathways, a deposition rate of 0.02 meters per second is applied to source categories that are unlikely to emit particulate matter larger than 2.5 microns such as fugitive emissions, storage tanks, and gasoline dispensing activities. A deposition rate of 0.05 meters per second is applied to all remaining source categories.

Residential Receptors

Estimates of residential risk assume potential exposure to annual average TAC concentrations occur 350 days per year, for 30 years. In addition, residential risk estimates assume a 95th percentile breathing rate for age groups younger than two years old, and 80th percentile breathing rate for age groups that are older than or equal to two years of age. Residential cancer risk estimates include age sensitivity factors (ASFs) and fraction of time at home (FAH) adjustments. The ASFs are age-specific weighting factors used in calculating cancer risks from exposures of infants, children and adolescents, to reflect their anticipated special sensitivity to carcinogens. For risk assessment of residential receptors, a 73% FAH was applied to age groups greater than or equal to 16 years, according to the Air District's policy. In accordance with OEHHA's guidance (2015)⁷, the following exposure pathways are evaluated for residential exposure:

- Inhalation
- Dermal exposure
- Soil ingestion
- Mother's milk ingestion

Worker Receptors

Risk estimates for offsite workers assume that potential exposure occurs 8 hours per day, 250 days per year, for 25 years. For offsite workers, the 95th percentile 8-hour breathing rate based on moderate activity was assumed. Annual average air concentrations are averaged over a 24-hour period, since the facility is assumed to operate continuously (24 hours per day, 7 days per week). The following pathways are evaluated for worker receptors:

- Inhalation
- Dermal exposure
- Soil ingestion

Student Receptors

For children ages 2 up to 16 years at schools and daycare facilities outside of the home, risk estimates assume potential exposure occurs 10 hours per day, 180 days per year, for 9 years. The 95th percentile 8-hour breathing rate based on moderate activity (for age group: 2<16 years; 520 L/kg-8 hours) was assumed for all students. The following pathways are evaluated for student receptors:

- Inhalation
- Dermal exposure
- Soil ingestion

Acute Receptors

Receptors for each offsite location within the modeling domain may be exposed to TACs for durations as short as 1 hour. An acute receptor location could be almost any off-site property location that is accessible to people. However, discretion should be used as to the likelihood of exposure in certain cases, e.g., roadways, bodies of water, steep terrain, etc. The potential for even intermittent public exposure is the determining factor when designating acute receptor locations.

⁷ OEHHA's Air Toxics Hot Spots Program Guidance Manual (2015):
<https://oehha.ca.gov/sites/default/files/media/downloads/cmr/2015guidancemanual.pdf>

Receptor-specific exposure assumptions are summarized in Table 6.

Table 6. Exposure assumptions by receptor type

Receptor Type	Exposure Frequency and Duration			Intake Rate % Breathing Rate Category		Exposed Person's Age Range
	Days per Year	Hours per Day	Years			
Residential	350	24	30	RMP using the Derived Method	95 th percentile for age groups < 2 years, 80 th percentile for age groups ≥ 2 years	> 3rd Trimester
Worker	250	8	25	OEHHA Derived Method	8-hr breathing rate with moderate intensity	> 16 years
Student	180	10	9	95 th (High end)	8-hr breathing rate with moderate intensity	2-11 years
Acute	Max 1-hour	Max 1-hour	NA	NA	NA	NA

8. Risk Results

The estimated facility-wide health risks resulting from stationary source operations at the Refinery are summarized in Table 7. At the MEI locations for each health risk category, the maximum estimated health risks are: **37** in a million for cancer risk, **0.26** for chronic hazard index, and **1.2** for acute hazard index. The MEIs for both cancer and non-cancer chronic risks are residential receptors located south of the Refinery. The risk result summaries focus on MEI receptors as well as significant sources, which will be subject to TBARCT as part of the RRP. Full risk details can be found in Appendix B.

Table 7. Risk values at MEI receptors

Receptor	NAD 83 UTM Coordinates (meters)		Cancer Risk (chance per million)	Chronic HI	Acute HI
	Easting (x)	Northing (y)			
Resident Cancer	552,963	4,198,236	37	NA	NA
Resident Chronic	553,315	4,198,265	NA	0.26	NA
Offsite Worker	552,413	4,198,548	2.5	0.10	NA
Student Cancer (Washington Elementary School)	554,363	4,197,636	1.3	NA	NA
Student Chronic (Leadership Public Schools – Richmond)	556,063	4,198,636	NA	0.13	NA
PMI (Max 1-hour)	554,560	4,199,549	NA	NA	1.2

Cancer Risk

Resident

The 30-year risk of developing cancer at the MEI resident (MEIR) was estimated to be 37 in a million (37×10^{-6}). Figure 9 indicates that the MEIR is located south of the Refinery. Table 8 summarizes the ten pollutants with the highest contributions to cancer risk at the MEI.

Worker

The 25-year risk of developing cancer at the MEI worker (MEIW) was estimated to be 2.5 in a million (2.5×10^{-6}). Figure 11 indicates that the MEIW is located south of the Refinery, at a Caltrans maintenance yard.

Student

The 9-year risk of developing cancer at the MEI student (MEIS) was estimated to be 1.3 in a million (1.3×10^{-6}). Figure 13 indicates that the MEIS is located at Washington Elementary School.

MEI

The MEIR is also the MEI for cancer risk. Based on Figure 6, emissions from storage tanks and fugitives account for 78% of the residential cancer risk.

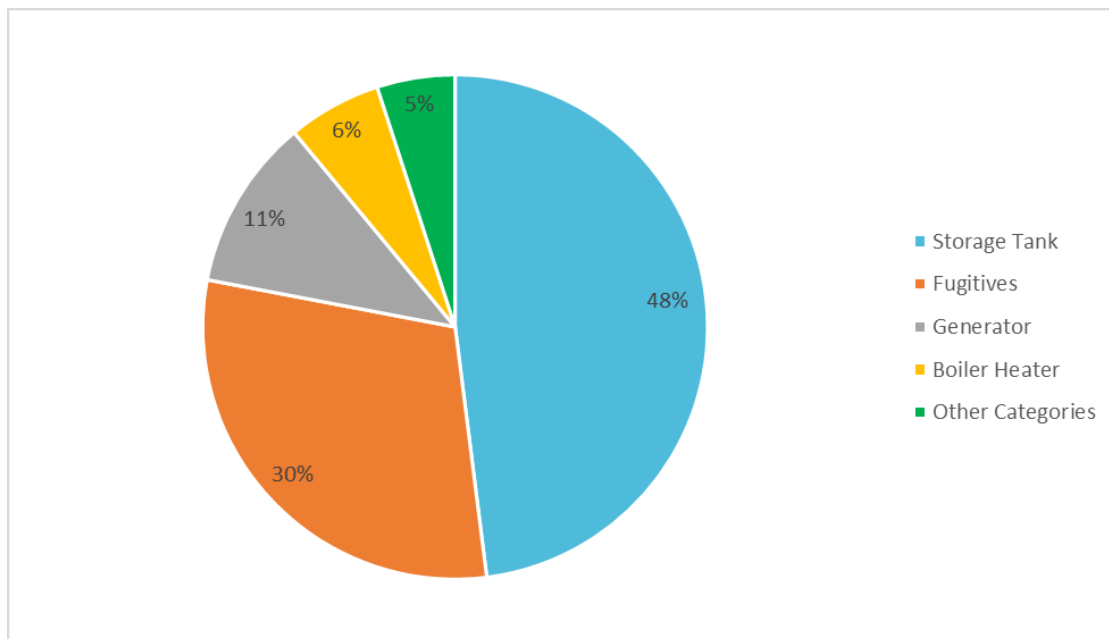


Figure 6. Cancer risk contribution at the MEIR by source category

Emissions of PAHs-as-benzo[a]pyrene make up at least 60% of the contribution to cancer risks at the MEI. PAHs-as-benzo[a]pyrene primarily emits from storage tanks and fugitive components. Emissions of diesel particulate matter are the second largest contributor to cancer risk, making up 10.8%, 16.7%, 16.1% of MEIR, MEIW, and MEIS cancer risks, respectively.

Table 8. Cancer risk at the MEI by pollutant and exposure pathway

Pollutant	CAS ID	Cancer Risk	% of Total	Inhalation	Soil Ingestion	Dermal Absorption	Mother's Milk
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	107062	0.12	0.3%	0.12	--	--	--
Ethyl benzene	100414	0.12	0.3%	0.12	--	--	--

Note: Risk results are rounded to 2 decimal numbers (e.g., risks below 0.0050 are rounded to 0.00). “--” denotes no health value associated with the pollutant/exposure pathway.

The estimated residential cancer risk is above the risk action level of 10 in a million. In accordance with Regulation 11-18, the facility must demonstrate as part of the RRP that the health risk will be reduced to a level below the risk action level and, only after taking all technologically feasible and economically reasonable measures, will be required to ensure that all significant sources meet TBARCT. A significant source is any source that poses a risk at the MEI equal to or greater than a cancer risk of 1.0 per million. The significant sources contributing to cancer risk at the MEI are shown in Table 9.

Table 9. Significant sources of cancer risk (Source risk $\geq$ 1.0 in a million)

Category	Source	Source Description	Cancer Risk	% of Total
Fugitives	32103	Fugitive Sources - Pumps & Compressor Seals	7.52	20.3%
Storage Tank	3216	Tank 3216: Organic Liquid Storage Tank	3.83	10.3%
Fugitives	32102	Fugitive Sources - Valves, Flanges, and Connectors	3.43	9.2%
Storage Tank	32158	Fixed Roof Tank 3217, Diesel	3.22	8.7%
Storage Tank	3195	T-3195 Waxy Heavy Neutral Storage Tank	2.92	7.9%
Storage Tank	32159	Fixed Roof Tank 3218, Distillate Oil	1.85	5.0%
Storage Tank	32164	Fixed Roof Tank 3227, Diesel	1.31	3.5%
Generator	32121	Internal Combustion Engine (TV: S-7503)	1.28	3.5%
Generator	32122	Internal Combustion Engine (TV: S-7504)	1.28	3.5%

Non-Cancer Chronic Risk

The potential chronic HI estimated for the MEIR is 0.26, located south of the facility. The chronic risk at the MEIR is also the highest among resident, student, and worker chronic receptors (MEI).

Table 10 shows the contribution of top ten pollutants to chronic HI at the MEI. Respiratory system is the most impacted endpoint from exposure to emissions of the facility, with arsenic being the primary contributor (87.5%) to the chronic risk.

The potential chronic HI estimated for the MEIW is 0.10, which is at receptor #358, located south of the facility, at a Caltrans maintenance yard. Similar to MEIR, respiratory system is the most impacted endpoint for chronic MEIW, with arsenic (72.2%) and sulfuric acid (12.2%) being the primary contributors to the chronic risk.

The potential chronic HI estimated for the MEIS is 0.13, which is at receptor #2205, located at Leadership Public Schools – Richmond. The most impacted endpoint is the respiratory system, with arsenic (86.5%) being the primary contributor to the risk.

Figure 10, Figure 12, and Figure 14 show the resident, worker, and student non-cancer chronic risk contours for the most impacted target organ/system, respectively.

Since chronic risks at the MEIR, MEIW, and MEIS are below 1.0, the estimated exposure to emissions from the Refinery is not expected to cause adverse non-cancer health effects over a long-term period.

Table 10. Chronic risk (or chronic HI) at the MEI

Target Organ/System	Pollutant	CAS ID	Chronic HQ	% of Total
Respiratory	Arsenic	7440382	0.23	87.54%
	Nickel	7440020	0.014	5.33%
	Sulfuric acid	7664939	0.010	3.93%
	Hydrochloric acid	7647010	0.0020	0.75%
	Formaldehyde	50000	0.0019	0.73%
	Cadmium	7440439	0.00089	0.34%
	Acrolein	107028	0.00088	0.33%
	Hydrogen sulfide	7783064	0.00058	0.22%
	Ammonia	7664417	0.00042	0.16%
	Diesel PM	9901	0.00038	0.14%
Remaining Pollutants			0.0014	0.52%
Total (Residential Chronic HI) =			0.26	100%

Note: Values are rounded and may not sum to 100%.

Acute Risk

Figure 15 displays the risk contour for the point of maximum impact (PMI). The potential acute HI is estimated to be 1.2, located at another industrial facility, Chemtrade, east of the Refinery. Table 11 shows the contribution of each pollutant to acute HI. The primary chemical contributing to acute HI is benzene (90.9%). The associated target organ/system is the immune system.

The estimated acute risk is above the risk action level (1.0). In accordance with Regulation 11-18, sources that each poses a risk at the MEI equal to or greater than an acute risk of 0.20 are considered significant sources. Based on Table 12, the bioreactor (S-4393) is the only significant source of acute risk, and therefore, must be demonstrated to meet TBARCT requirements in the RRP.

Table 11. Acute risk (or acute HI) at the Point of Maximum Impact (PMI)

Target Organ/System	Pollutant	CAS ID	Acute HQ	% of Total
Immune System	Benzene	71432	1.1	90.9%
	Nickel	7440020	0.11	9.0%
	Nickel carbonyl	13463393	0.0011	0.1%
Total (Acute HI) =			1.2	100%

Note: Values are rounded and may not sum to 100%.

Table 12. Significant sources of acute risk (Source impact ≥ 0.20)

Category	Source	Source Description	Max HI	Most Impacted Organ/System
Wastewater Treatment	4393	Bioreactor	1.0	Reproductive/ Developmental

9. Uncertainties in Risk Estimates

A HRA is an *estimate* of health impacts and therefore comes with a level of uncertainty. Outside of the uncertainty built into the air dispersion and risk assessment tools used, assumptions concerning level of emissions of specific toxic air contaminants, rate of emissions, site-specific terrain features, and deposition of emissions were made to estimate risk.

Each assumption represents a source of uncertainty which may lead to an overestimate or underestimate of risk. As site-specific data becomes available, these assumptions may be refined and/or replaced with more representative data. The Air District has ensured that all assumptions made align with OEHHA's latest guidance as of publication of this report (the Guidance), are representative of site-specific conditions at the Refinery, and are health protective.

The key assumptions made in this HRA and their relative impact on estimated risk are discussed further in the following paragraphs.

- Liquid Sampling for Benzene, Naphthalene, and Benzo[a]pyrene in Vapor Phase – High Impact

In the initial stages of applying the HLS, a speciation based on number of carbon elements and most feasible toxic air contaminant was developed. This speciation was found to result in very high concentrations of Benzo[a]pyrene, benzene, and naphthalene which may not be accurate to actual emissions at the facility. To resolve this uncertainty, the Refinery proposed conducting sampling of heavy liquid streams at their facility. Sampling of vapor from representative streams was determined to result in the most accurate measurements, however, due to cost, the Refinery chose to sample the liquid instead.

The sampling of the liquid for determination of components of the vapor phase is a conservative approach which may lead to an overestimate of emissions being released. This is especially true for those components that are known to have relatively low vapor pressures, such as Benzo[a]pyrene. However, without additional information concerning vapor phase speciation, liquid sampling is considered the best data available, and the Air District is proceeding with the use of the sampling results from liquid streams.

This assumption has significant impact on the estimated risk. The largest toxic air contaminant driver of cancer risk is Benzo[a]pyrene from tanks and fugitives. Benzo[a]pyrene is considered a semi-volatile toxic air contaminant with relatively low vapor pressure. In the absence of heat and/or mixing, the fraction present in the vapor phase could be minimal in comparison to the liquid phase. New information concerning vapor phase fraction of this contaminant may result in a significant decrease in the estimated risk.

- Max hourly emissions – Medium Impact

For sources for which maximum daily or hourly operation data was not provided, max hourly emissions are derived using the following formula: $[\text{Max hourly emission}] = [\text{Annual emission}] / 8760 * 2$, which assumes the max hourly emission is twice the hourly average emission. This conservative assumption may lead to overly high acute risks.

- Urban vs. rural settings in Air dispersion program (AERMOD) – Low Impact

In AERMOD, the land use setting determines how key characteristics such as turbulence and plume dispersion affect resulting concentrations at each receptor. In an urban setting, more heat is retained during the day and is released at night due to the heat island effect. This retained heat increases turbulence which increases mixing and may result in higher concentrations of pollutants in the nearby area.

This HRA was conducted in accordance with the EPA guidance (Appendix W). Appendix W states that if 50% or more of the land use within 3km of the center is considered urban then an urban setting should be assumed. The land use surrounding the Refinery was determined to be less than 50% urban, even after subtracting the open water area. Therefore, rural land use was used.

To better understand the effects of this assumption on the results of the HRA, the Air District performed a sensitivity analysis to consider the impact of the urban vs. rural selection on health risk. This sensitivity analysis determined that the rural setting resulted in a more conservative estimate of cancer risk at the MEIR and is therefore considered to be more health protective.

- Deposition rate – High Impact

Deposition rate is an input parameter in the HARP2 Air Dispersion Modeling and Risk Tool that represents the rate at which emitted particulate pollutants settle from the atmosphere and become available for non-inhalation exposure pathways. These pathways, including soil ingestion, dermal contact, and mother's milk, primarily influence estimates of non-cancer chronic and cancer risk, rather than acute risk.

The Guidance recommends two default deposition rates: (1) 0.02 m/s when all sources are controlled or when emitted particulate matter is predominantly PM_{2.5} or smaller, and (2) 0.05 m/s for all other cases. The difference between these two values is significant. When non-inhalation pathways dominate, the selected deposition rate can change cancer and chronic risk estimates by orders of magnitude. The Refinery is particularly applicable, where multi-pathway exposure (e.g., PAH as B[a]P-equivalent emissions) contributes substantially to non-acute risks.

Applying a single deposition rate across the entire refinery, which consists of more than 200 emission sources with differing emission mechanisms and particle size characteristics, would result in overestimating or underestimating risk outcomes. Use of a deposition rate of 0.05 m/s for all sources could overestimate non-inhalation risk and render the RRP effectively unattainable, while use of 0.02 m/s for all sources could underestimate risks for sources that emit larger particulates. Neither approach appropriately reflects the complex nature of a refinery.

For this preliminary HRA, a mixed deposition rate approach was applied. A deposition rate of 0.02 m/s was used for storage tanks, fugitive emissions (equipment leaks), and gasoline dispensing facility (GDF) sources, while 0.05 m/s was applied to the remaining sources. During normal operations, storage tanks, fugitive, and GDF sources primarily emit hydrocarbon vapors rather than mechanically generated particulates. These vapors may form condensable PM upon cooling, which is typically well below 2.5 microns, and therefore more appropriately represented by the lower deposition rate.

This source-category-specific approach holds health-protective conservativeness while addressing the complexity of a refinery. Deposition rate is a key factor to health risks and may be further evaluated as part of the final HRA.

10. Preliminary Conclusions

This facility-wide preliminary HRA results in an estimated maximum cancer risk of **37 in a million**, a maximum chronic hazard index of **0.26**, and a maximum 1-hour acute hazard index of **1.2**. The primary pollutant contributors to cancer risk are PAHs (measured as benzo[a]pyrene equivalents), diesel particulate matter, arsenic, and benzene that primarily occur from fugitive and tank sources. Major contributors to non-cancer chronic risks are arsenic, nickel, and sulfuric acid. Primary contributors to the acute risk are benzene and nickel. The significant source of acute risk is the bioreactor.

These preliminary results show that the facility-wide cancer risk and acute risk exceed the Regulation 11-18-217 Risk Action Levels.

The preliminary HRA results are released for public and facility review and comment. Following this comment period, the Air District may revise the toxic emissions inventory and preliminary HRA as needed. This revision may include refinement of the toxic emissions inventory and/or source characteristics, both of which may either lower or increase the preliminary risk estimates. After revisions are incorporated, risk will be re-estimated and summarized in the final HRA. The results of this final HRA will dictate whether the facility may be subject to Regulation 11-18-301 and be required to submit a Risk Reduction Plan. The Risk Reduction Plan must demonstrate either (a) a reduction of health risks to below the Risk Action Levels, or (b) that each significant risk source in Table 2 is controlled with TBARCT.

Appendices

Appendix A – Figures

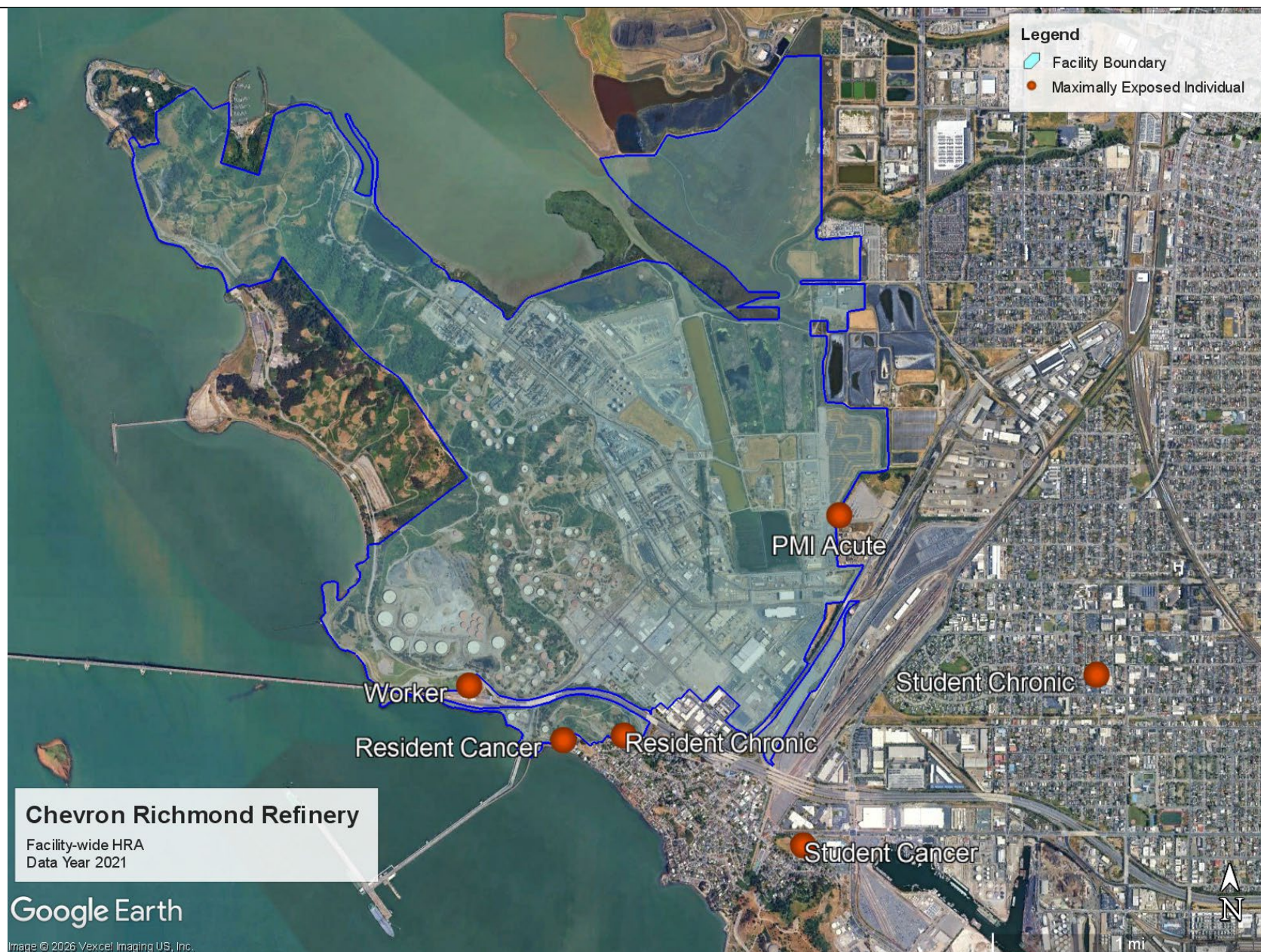


Figure 7. Facility boundary and locations of MEI receptors

Crude Oil Refining

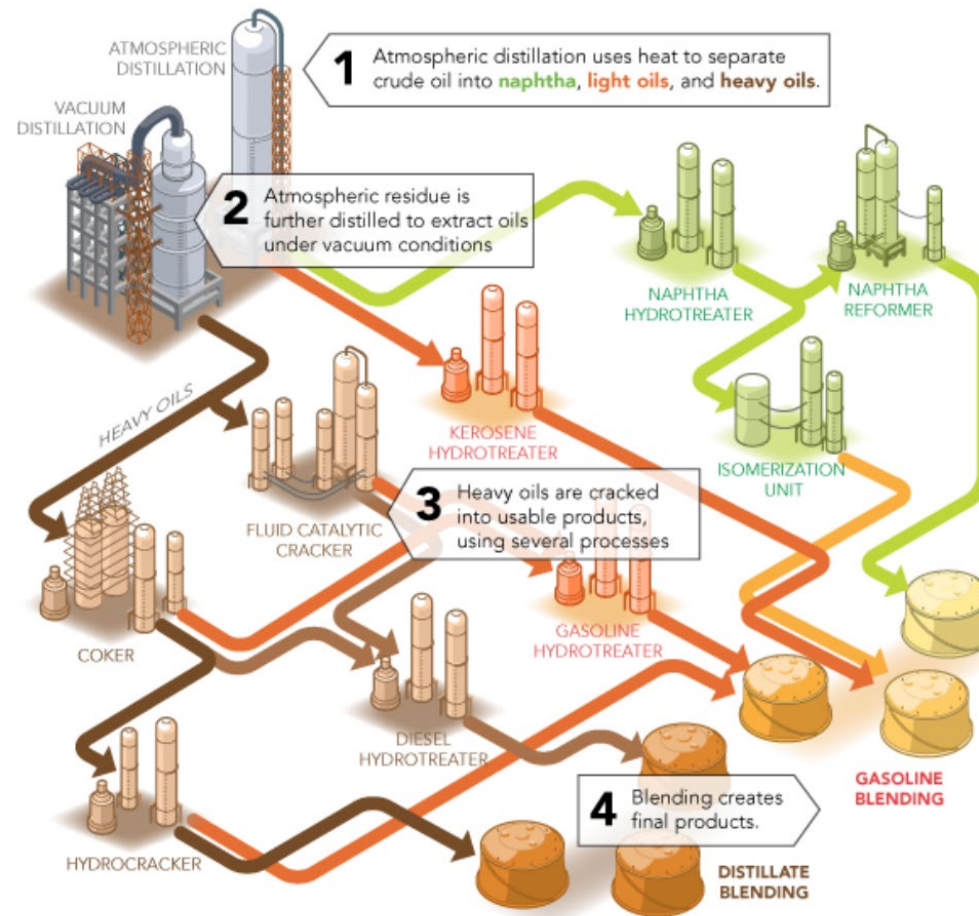


Figure 8. Typical crude oil refining process⁸

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.

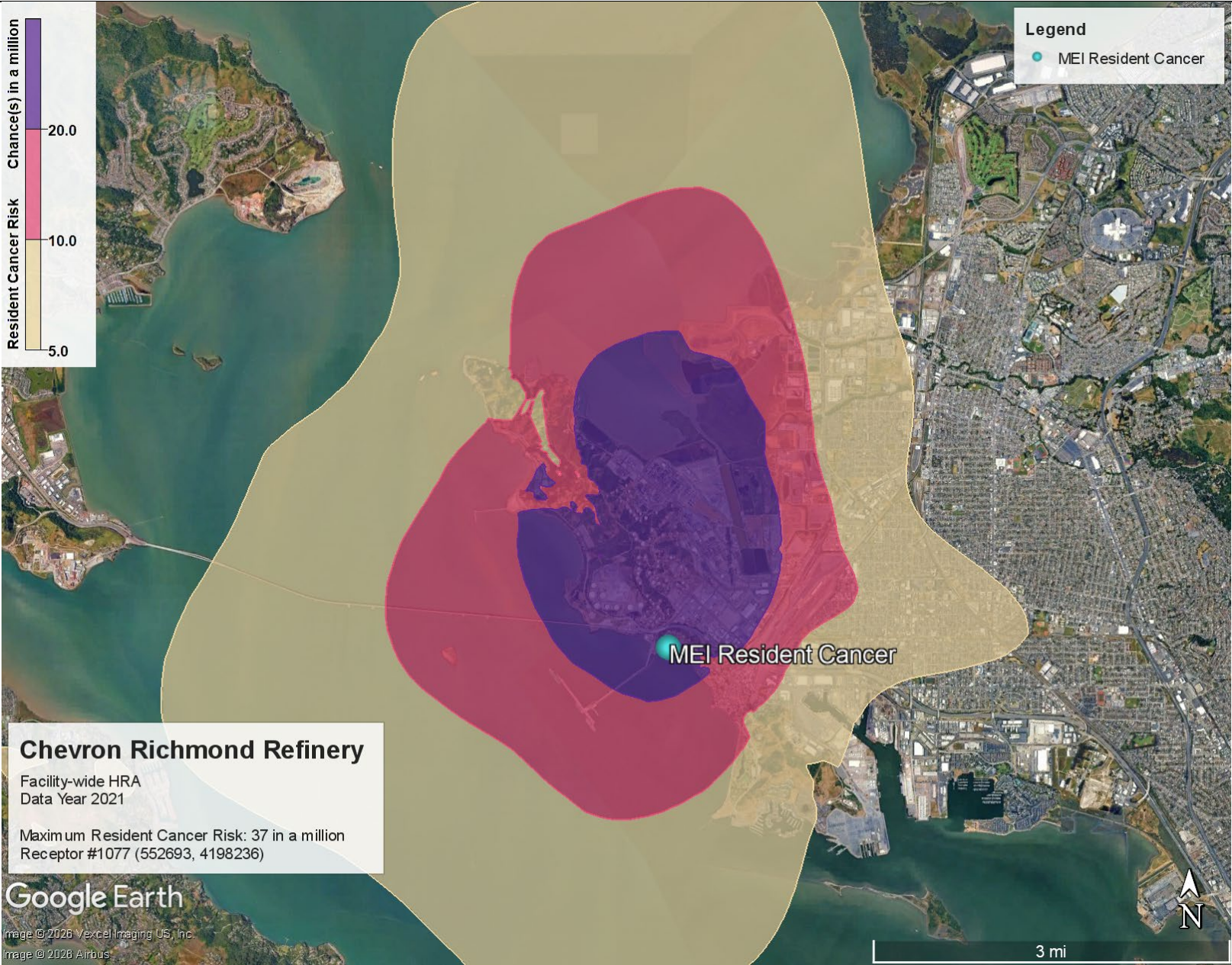


Figure 9. Resident cancer risk contour

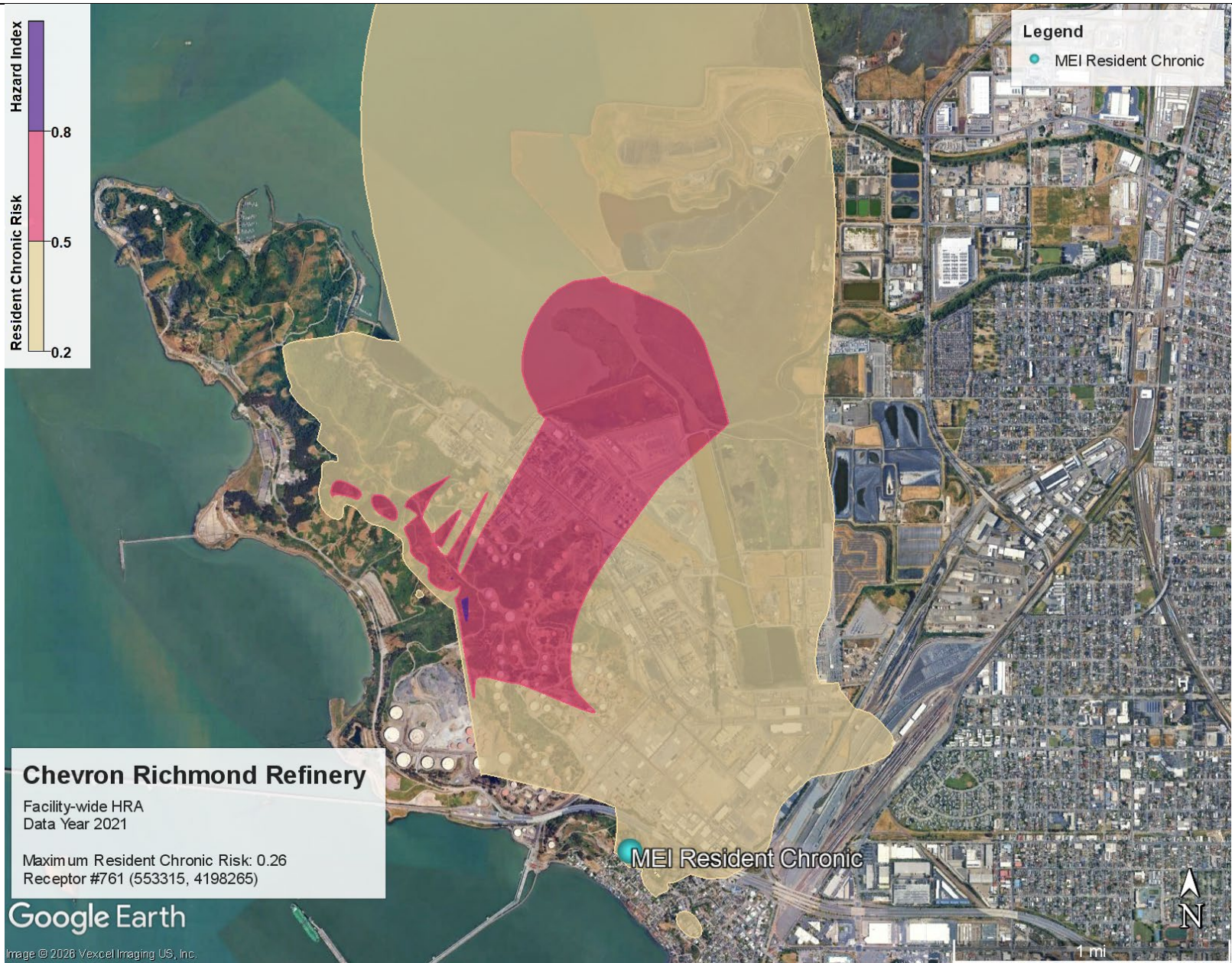


Figure 10. Resident chronic risk contour



Figure 11. Offsite worker cancer risk contour

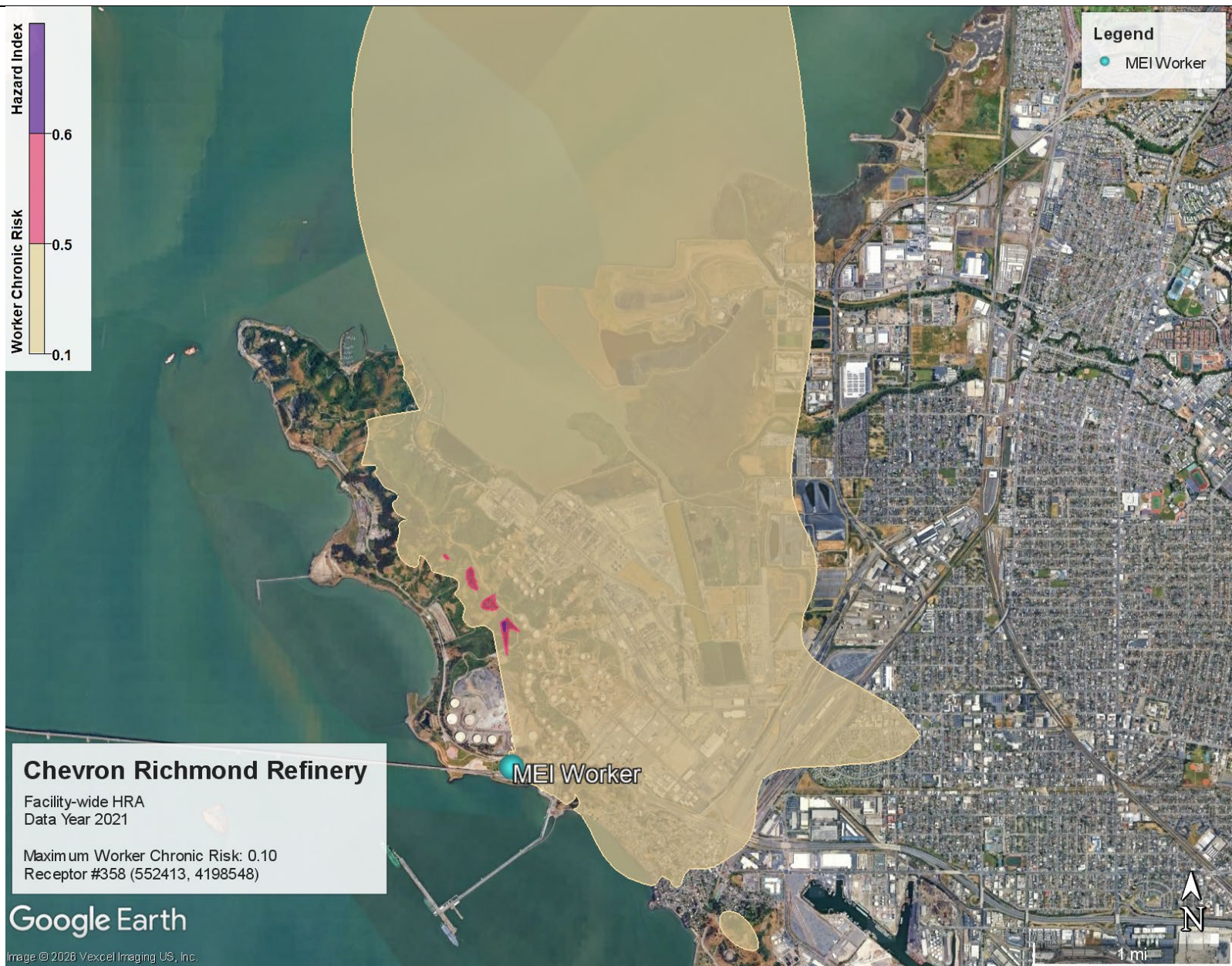


Figure 12. Offsite worker chronic risk contour

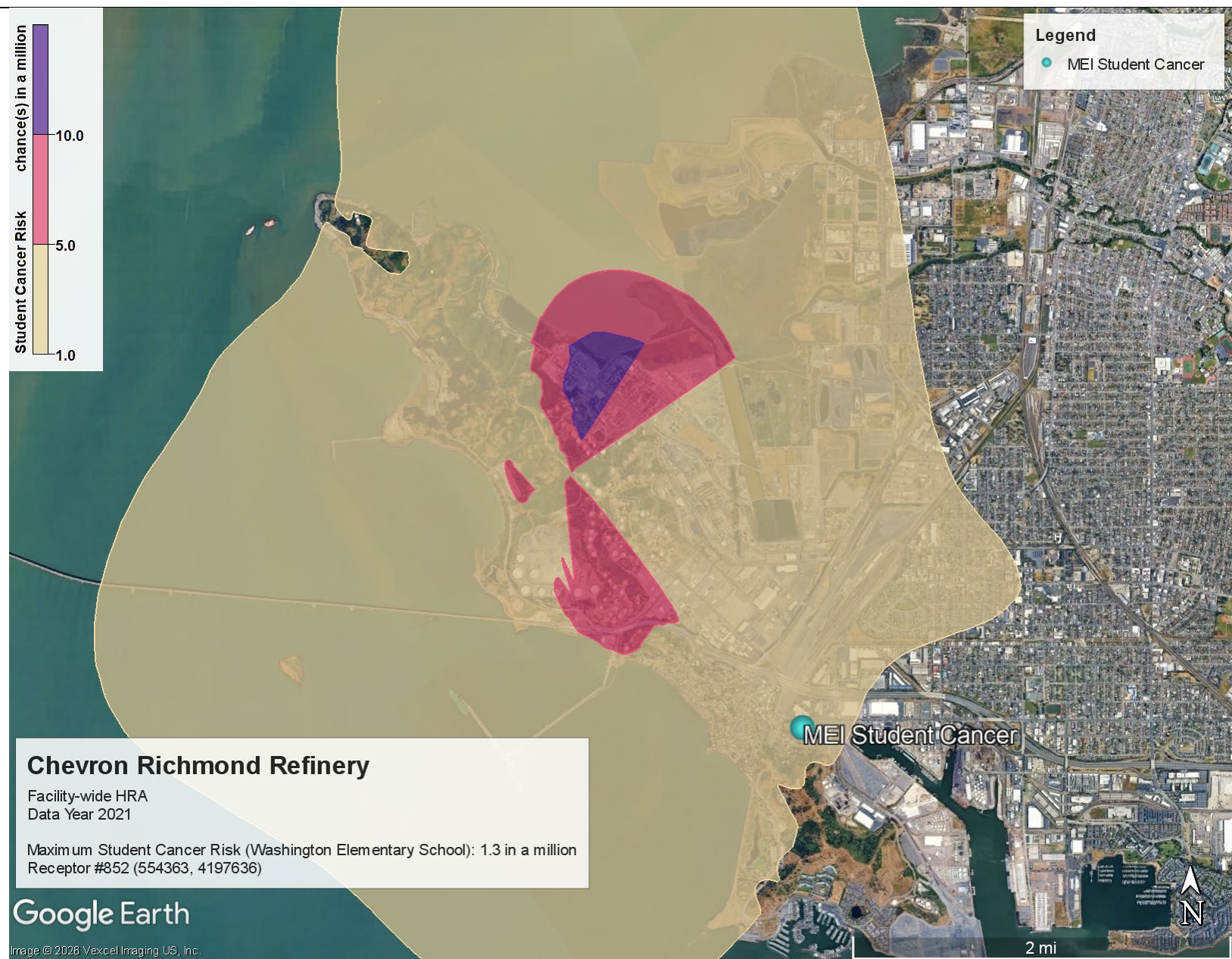


Figure 13. Student cancer risk contour

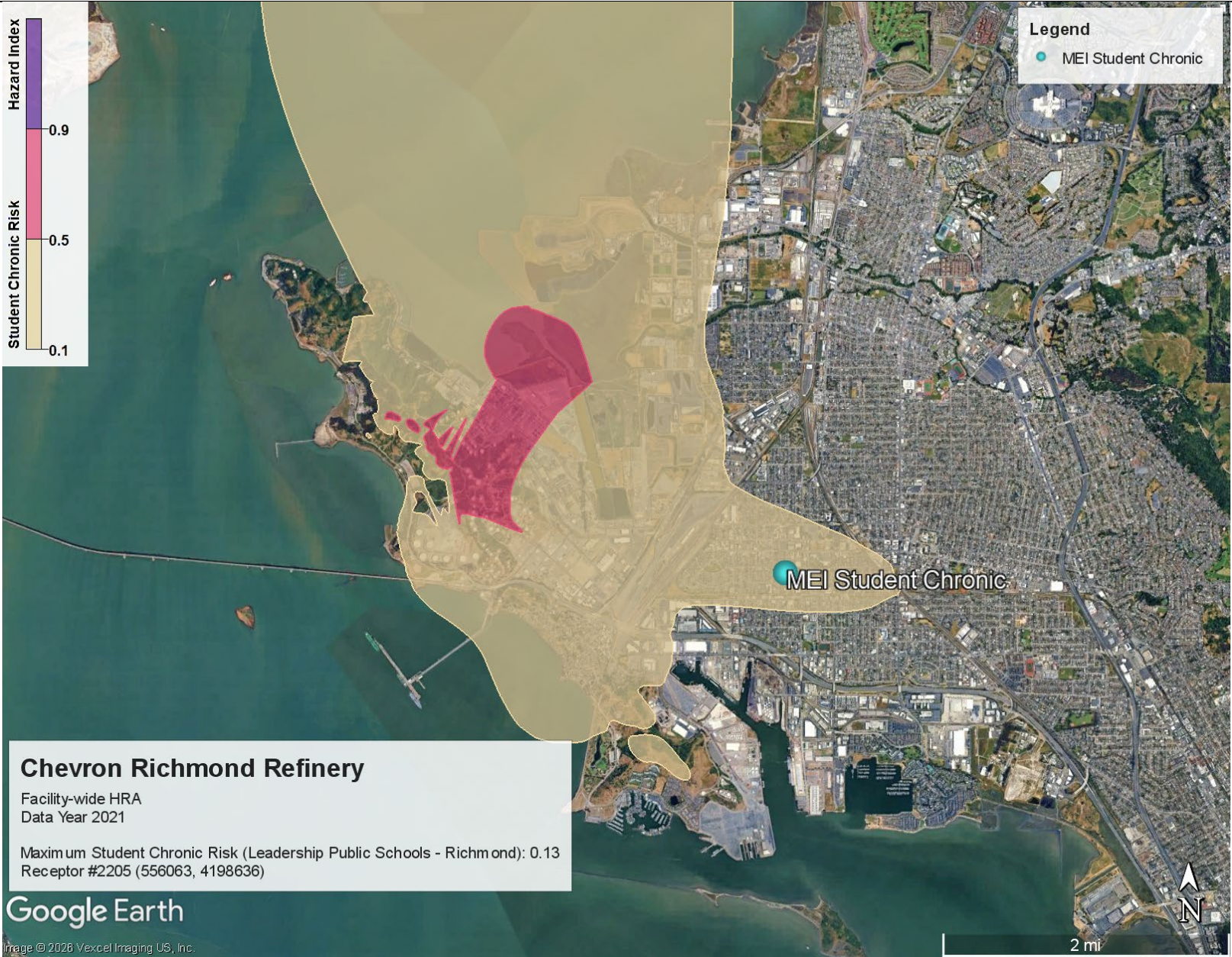


Figure 14. Student chronic risk contour

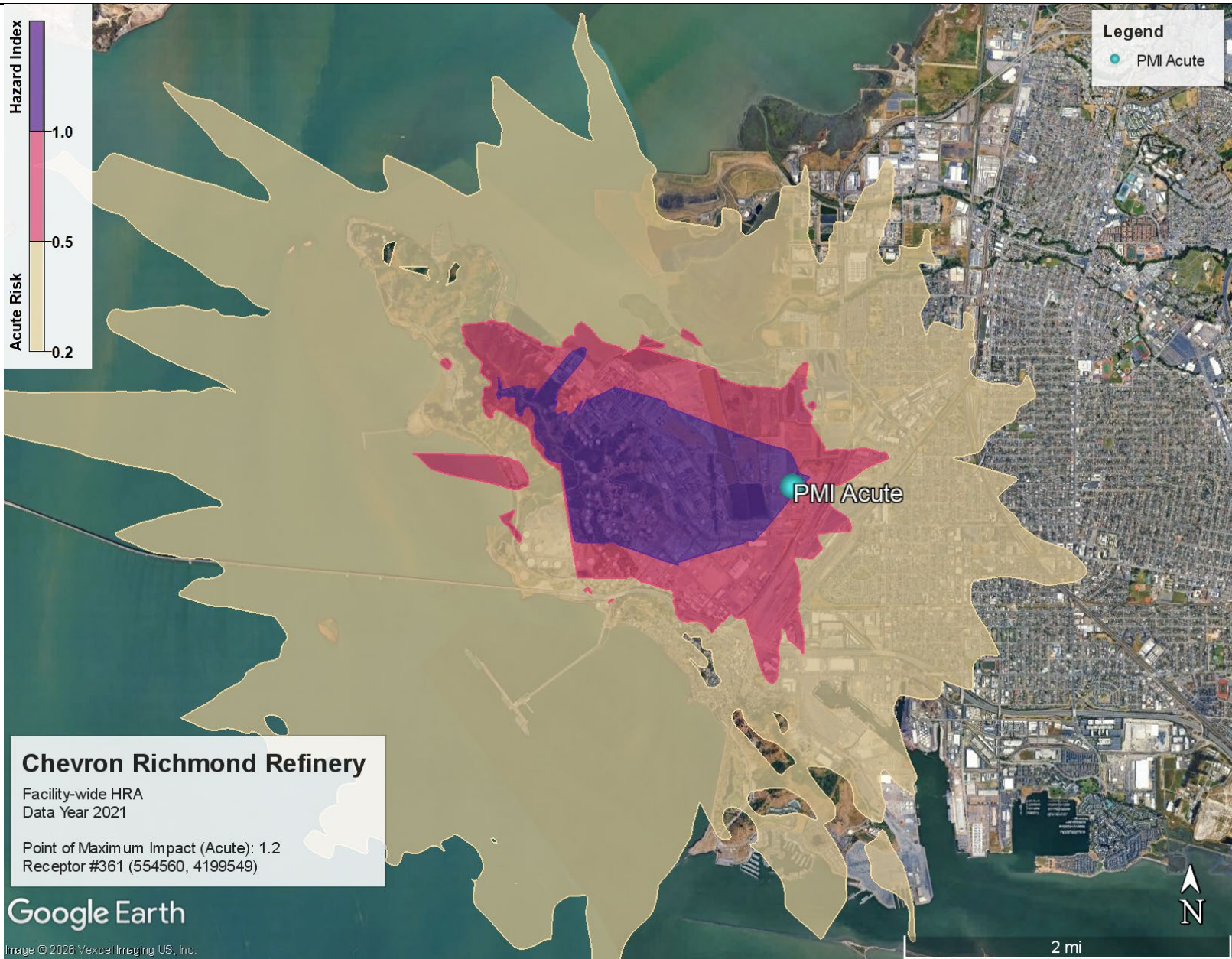


Figure 15. Acute (1-hour) risk contour

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/D EVEL	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/D EVEL	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/D EVEL	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

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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_NCCChronicRiskSumByRec.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	InhChronic8HREL
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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 11

*** 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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 12

*** 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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 13

*** 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	,

*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25

*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 14

*** 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	,

*** 09:02:59

```
*** MODELOPTs:      RegDEFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SOURCE IDs

F 1660 F 1660 ,

*** AERMOD - VERSION 24142 *** *** Chevron Refinery *** 09/25/25

*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA *** 09:02:59

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 16

*** 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	,

*** AERMOD - VERSION 24142 *** *** Chevron Refinery

*** 09/25/25

*** AERMET - VERSION 18081 *** *** Rule 11-18 HRA

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*** MODELOPTs: RegDEFAULT 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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*** 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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*** 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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*** 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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*** 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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*** MODELOPTs:      RegDEFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SOURCE IDs

S7552 S7552 ,

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*** MODELOPTs: RegDEFAULT 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		

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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*** 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
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		

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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*** 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
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

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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*** 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
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

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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*** 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
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			

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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*** 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
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		

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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*** 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
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	

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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*** 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
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		

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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*** 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
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		

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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*** 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
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		

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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*** 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
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		

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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*** 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
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

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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*** 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

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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*** 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			

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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*** MODELOPTs: RegDEFAULT 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
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		

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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*** 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

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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*** 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			

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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*** 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
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

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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*** 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

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		

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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*** 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
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		

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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*** 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		

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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*** MODELOPTs: RegDEFAULT 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

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

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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*** MODELOPTs: RegDEFAULT 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
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		

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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*** 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		

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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*** MODELOPTs: RegDEFAULT 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_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		

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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*** MODELOPTs: RegDEFAULT 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_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
CTL5FO	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

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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*** 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	
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

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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*** 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_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		

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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*** 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_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

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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*** 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_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		

Facility # 10		Preliminary Facility-Wide Health Risk Assessment								August 2026	
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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*** 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	
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

Facility # 10	Preliminary Facility-Wide Health Risk Assessment									August 2026
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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*** MODELOPTs: RegDEFAULT 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
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		

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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*** MODELOPTs: RegDEFAULT 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		

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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*** MODELOPTs: RegDEFAULT 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				

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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*** 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

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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*** MODELOPTs: RegDEFAULT 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
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

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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*** MODELOPTs: RegDEFAULT 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

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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*** MODELOPTs: RegDEFAULT 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
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	

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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*** MODELOPTs: RegDEFAULT 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		

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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*** MODELOPTs: RegDEFAULT 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
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

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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*** MODELOPTs: RegDEFAULT 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

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		

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

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

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

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

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

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

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

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

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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*** 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

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			

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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*** 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
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

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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*** MODELOPTs: RegDEFAULT 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
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

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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*** MODELOPTs: RegDEFAULT 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
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

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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*** 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	

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	

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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*** 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	

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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*** 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		

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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*** MODELOPTs: RegDEFAULT 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
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		

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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*** 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
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

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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*** 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
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

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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*** MODELOPTs: RegDEFAULT 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
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		

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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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

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

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

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

GROUP ID	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

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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NETWORK

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

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

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

NETWORK

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
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*** MODELOPTs:   RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data
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*** Message Summary : AERMOD Model Execution ***
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```
----- Summary of Total Messages -----
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```
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)
```

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