BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.:

Activity No.: PER20040002
Agency Interest No.: 8100

Mr. John F. Little, II
Terminal Manager
IMTT-Gretna
1145 Fourth St.
Harvey, LA 70058

RE: Permit Modification
International Matex Tank Terminal (IMTT) - Gretna Facility
Harvey, Jefferson Parish, Louisiana

Dear Mr. Little:

This is to inform you that the permit modification request for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets, and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Also enclosed is a document entitled "General Information." Please be advised that this document contains a summary of facility-level information contained in LDEQ's TEMPO database and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 1340-00078-03

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSP:sfp

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

International Matex Tank Terminal (IMTT) - Gretna Facility
Agency Interest No.: 8100
Harvey, Jefferson Parish, Louisiana

I. BACKGROUND

International Matex Tank Terminal (IMTT) - Gretna Facility is an existing liquid bulk storage facility. The facility was previously issued Permit No. 1340-00078-01 on November 19, 1993; Permit No. 2373 on February 9, 1996; Small Source Exemption on November 19, 1993; Permit No. 2722 on June 21, 2001; Permit No. 3008 on October 5, 2005, which was rescinded on January 5, 2007; and Permit No. 3051 on January 8, 2007, which was replaced with Permit No. 3051 (M-1). Currently, the site operates under Permit No. 1340-00078-02 issued on July 26, 2002 and amended on September 12, 2003; Permit No. 3043 issued on September 11, 2006; and Permit No. 3051 (M-1) issued on April 23, 2007.

II. ORIGIN

A permit application and Emission Inventory Questionnaire (EIQ) dated September 14, 2005 were received requesting a permit modification. Revised applications were submitted August 21, 2006, March 29, 2007, September 25, 2007, January 18, 2008 and February 20, 2008.

III. DESCRIPTION

IMTT-Gretna is a liquid storage terminal. Bulk liquids are temporarily held in storage tanks and transported from the facility by barge, railcar, and tank truck.

A permit modification was issued to IMTT-Gretna on July 26, 2002 which consolidated operating Permit No. 1340-00078-01, Permit No. 2722 (installation of additional storage tanks) and Permit No. 2373 (installation of two 175-hp diesel engines and two 560-gallon diesel storage tanks).

Permit No. 3043 allowed for the replacement of Engine G-5 (Emission Point 5-93) with a similar 175 hp engine (Emission Point 2-06). This is a non-stationary engine to which NSPS requirements do not apply. Permit No. 3051 (M-1) allowed for the installation of four new 2.84 million gallon vertical fixed roof fuel oil storage tanks (Emission Points 1-05, 2-05, 3-05 and 4-05) and a 4.22 million gallon vertical fixed roof fuel oil storage tank (Emission Point 5-05).

An Administrative Amendment was approved September 12, 2003 which clarified specific condition number 5 of Permit No. 130-00078-02 regarding odor control.

This permit modification incorporates the following changes:

- Consolidate Permit Nos. 1340-00078-02, 3043 and 3051 (M-1);
- Combine emissions from similar sources under group caps for Storage Tank Emissions (Emission Point 3-06), Marine Uncontrolled Loading Emissions (Emission Point 12-06) and Truck and Rail Uncontrolled Emissions (Emission Point 13-06)
- Remove equipment from the permit that is no longer onsite;

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- Identify insignificant activities and sources;
- Update calculations based on revised emission factors; and,
- Incorporate Specific Conditions to limit emissions in certain instances.

The calculations included with the permit application for tank storage and loading are based on maximum throughput of most volatile products resulting in worst case emission rates. The worst case assumptions were made to allow for maximum operational flexibility in emission permitting. Once site-wide total VOC emissions reach 85 tons per year, IMTT-Gretna will calculate emissions associated with off-loading and accepting materials before accepting the material for delivery once site-wide total VOC emissions reach 85 tons per year.

Estimated emissions from this facility in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	4.56	2.55	-2.01
SO_2	29.11	50.46	+21.35
NO_X	56.51	30.19	-26.32
CO	12.83	11.27	-1.56
VOC	90.95	99.11	+8.16

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Benzene	0.024	0.65	+0.626
Biphenyl	0.004	0.16	+0.156
Cumene	0.037	1.07	+1.033
Ethylbenzene	0.069	1.97	+1.901
Formaldehyde	-	0.03	+0.03
Naphthalene	0.023	0.76	+0.737
Toluene	0.072	1.99	+1.918
Xylene	0.245	6.95	+6.705
Total	0.474	13.58	+13.106

Non-VOC LAC 33:III. Chapter 51 Toxic Air Pollutants (TAPs) in tons per year as follows:

Pollutant	Before	After	Change
Hydrogen sulfide	-	1.69	+1.69
Total	-	1.69	+1.69

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IV. TYPE OF REVIEW

This permit was reviewed for compliance with Louisiana Air Quality Regulations. New Source Performance Standards (NSPS), Prevention of Significant Deterioration (PSD) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs).

V. PUBLIC NOTICE

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on **<date>**, 200X; and in the <local paper>, <local town>, on **<date>**, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on **<date>**. The draft permit was also submitted to US EPA Region VI on **<date>**. All comments will be considered prior to the final permit decision.

VI. EFFECTS ON AMBIENT AIR

Emissions associated with the proposed facility/modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VII. GENERAL CONDITION XVII ACTIVITIES

		Emission Rates - tons				
Work Activity	Schedule	PM_{10}	SO_2	NO_X	CO	VOC
None						

VIII. INSIGNIFICANT ACTIVITIES

ID No.:	Description	Citation
1-86	Tank No. A-5 (1,269 gallons)	LAC 33.III.501.B.5.A.3
3-86	Tank No. H-3 (2,750 gallons)	LAC 33.III.501.B.5.A.3
7-93	Tank No. DP-01 (250 gallons)	LAC 33.III.501.B.5.A.3
8-93	Tank No. DP-02 (500 gallons)	LAC 33.III.501.B.5.A.3
9-93	Tank No. DP-03 (50 gallons)	LAC 33.III.501.B.5.A.3
11-93	Tank No. DP-05 (250 gallons)	LAC 33.III.501.B.5.A.3
12-93	Tank No. DP-06 (250 gallons)	LAC 33.III.501.B.5.A.3

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14-93	Tank No. DP-08 (500 gallons)	LAC 33.III.501.B.5.A.3
ID No.:	Description	Citation
21-93	Tank No. DP-09 (500 gallons)	LAC 33.III.501.B.5.A.3
24-93	Tank No. DP-10 (560 gallons)	LAC 33.III.501.B.5.A.3
-	H2S Scavenger Tank (inorganic product) 2,200 gallons	LAC 33.III.501.B.5.A.3
-	Emissions from laboratory equipment/vents used exclusively for routine chemical or physical analysis for quality control or environmental monitoring	LAC 33.III.501.B.5.A.6
-	Misc. portable fuel tanks	LAC 33.III.501.B.5.A.8

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated September 14, 2005, along with supplemental information dated August 21, 2006, March 29, 2007, September 25, 2007, January 18, 2008 and February 20, 2008.

IV. This permit shall become invalid, for the sources not constructed, if:

A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;

B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

VII. Any emissions testing performed for purposes of demonstrating compliance with the

limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.

A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:

1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

D. Each report submitted in accordance with this condition shall contain the following information:

1. Description of noncomplying emission(s);
2. Cause of noncompliance;
3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;

B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;

C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and

D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance

with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 8100 International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Also Known As:

ID	Name	User Group	Start Date
1340-00078	International Matex Tank Terminal (IMTT) - Gretna Facility	CDS Number	11-21-1999
72-1173810	International Matex Tank Terminals (IMTT) - Gretna Facility	Federal Tax ID	12-18-2000
LAD985223460	International Matex Tank Terminals (IMTT)	Hazardous Waste Notification	12-02-1992
LA0003484	LPDES #	LPDES Permit #	06-25-2003
LAR10D980	LPDES #	LPDES Permit #	04-04-2007
WP2200	LWDPS #	LWDPS Permit #	06-25-2003
	Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
G-051-4572	Site ID #	Solid Waste Facility No.	11-21-1999
14003	International Matex Tank Terminals (IMTT) - Gretna Facility	TEMPO Merge	04-16-2001
26000370	UST Facility ID (from UST legacy data)	UST FID #	10-11-2002

Physical Location: 1145 Fourth St
Harvey, LA 70058

Main Phone: 5043682560

Mailing Address: 321 St Charles Ave
New Orleans, LA 70130

Location of Front Gate: 29° 54' 50" latitude, 90° 4' 2" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Randy Cabral	321 St Charles Ave New Orleans, LA 70130	5043640808 (WP)	Air Billing Contact for
Darryl Daigs	321 St Charles Ave New Orleans, LA 70130	5043682560 (WP)	Haz. Waste Billing Party for
Frederick Eilers		5043682560 (WP)	Underground Storage Tank Contact for
John Little II	1145 Fourth St Harvey, LA 70058		Responsible Official for
Brook duBuys	321 St Charles Ave New Orleans, LA 70130	5045868300 (WP)	Water Permit Contact For
Brook duBuys	321 St Charles Ave New Orleans, LA 70130	5045868300 (WP)	Water Billing Party for

Related Organizations:

Name	Address	Phone (Type)	Relationship
International Matex Tank Terminals - IMTT	321 St Charles Ave New Orleans, LA 70130	5045868300 (WP)	Operates
International Matex Tank Terminals - IMTT	321 St Charles Ave New Orleans, LA 70130	5045868300 (WP)	Air Billing Party for
International Matex Tank Terminals - IMTT	321 St Charles Ave New Orleans, LA 70130	5045868300 (WP)	UST Billing Party for
International Matex Tank Terminals - IMTT	321 St Charles Ave New Orleans, LA 70130	5045868300 (WP)	Owns

General Information

AI ID: 8100 International Matex Tank Terminal (IMTT) - Gretna Facility
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INVENTORIES

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
UNF001 Entire Facility						
EQT0003	27-78 - Tank 128 Vertical Fixed Roof	3.34 million gallons		40.1 MM gallons/yr		8760 hr/yr (All Year)
EQT0004	35-78 - Tank 134 Vertical Fixed Roof	3.5 million gallons		42 MM gallons/yr		8760 hr/yr (All Year)
EQT0006	36-78 - Tank 135 Vertical Fixed Roof	3.5 million gallons		42 MM gallons/yr		8760 hr/yr (All Year)
EQT0007	38-78 - Tank 137 Vertical Fixed Roof	4.21 million gallons		50.61 MM gallons/yr		8760 hr/yr (All Year)
EQT0008	3-82 - Boiler No. 1		.04 MM scf/hr	.02 MM scf/hr		8760 hr/yr (All Year)
EQT0009	4-82 - Boiler No. 2		.04 MM scf/hr	.02 MM scf/hr		8760 hr/yr (All Year)
EQT0010	1-93 - Engine No. 1		175 horsepower	175 horsepower		8760 hr/yr (All Year)
EQT0011	4-93 - Engine No. 4		175 horsepower	175 horsepower		8760 hr/yr (All Year)
EQT0013	2-93 - Engine No. 2		82 horsepower	82 horsepower		8760 hr/yr (All Year)
EQT0014	6-93 - Engine No. 6		117 horsepower	117 horsepower		8760 hr/yr (All Year)
EQT0015	3-93 - Engine No. 3		32 horsepower	32 horsepower		8760 hr/yr (All Year)
EQT0016	7-93 - Engine No. 7		175 horsepower	175 horsepower		8760 hr/yr (All Year)
EQT0025	1-78 - Tank No. 108	84000 gallons		1.01 MM gallons/yr		8760 hr/yr (All Year)
EQT0026	2-78 - Tank No. 109	120792 gallons		1.45 MM gallons/yr		8760 hr/yr (All Year)
EQT0027	3-78 - Tank No. 110	126000 gallons		1.51 MM gallons/yr		8760 hr/yr (All Year)
EQT0028	4-78 - Tank No. 111	190769 gallons		2.29 MM gallons/yr		8760 hr/yr (All Year)
EQT0029	5-78 - Tank No. 112	430890 gallons		5.17 MM gallons/yr		8760 hr/yr (All Year)
EQT0030	6-78 - Tank No. 113	416030 gallons		4.99 MM gallons/yr		8760 hr/yr (All Year)
EQT0031	7-78 - Tank No. 114	180936 gallons		2.17 MM gallons/yr		8760 hr/yr (All Year)
EQT0032	8-78 - Tank No. 115	180558 gallons		2.17 MM gallons/yr		8760 hr/yr (All Year)
EQT0033	9-78 - Tank No. 116	121674 gallons		1.46 MM gallons/yr		8760 hr/yr (All Year)
EQT0034	10-78 - Tank No. 117	211554 gallons		2.54 MM gallons/yr		8760 hr/yr (All Year)
EQT0035	11-78 - Tank No. 118	213198 gallons		2.56 MM gallons/yr		8760 hr/yr (All Year)
EQT0036	12-78 - Tank No. 119	208957 gallons		2.51 MM gallons/yr		8760 hr/yr (All Year)
EQT0037	13-78 - Tank No. 120	122470 gallons		1.47 MM gallons/yr		8760 hr/yr (All Year)
EQT0038	14-78 - Tank No. 121	69846 gallons		1.47 MM gallons/yr		8760 hr/yr (All Year)
EQT0039	15-78 - Tank No. 122	1.01 million gallons		12.1 MM gallons/yr		8760 hr/yr (All Year)
EQT0040	16-78 - Tank No. 123	1.04 million gallons		12.46 MM gallons/yr		8760 hr/yr (All Year)
EQT0041	17-78 - Tank No. 124	2.26 million gallons		27.13 MM gallons/yr		8760 hr/yr (All Year)
EQT0042	18-78 - Tank No. 125	2.3 million gallons		27.55 MM gallons/yr		8760 hr/yr (All Year)
EQT0043	19-78 - Tank No. 126	2.31 million gallons		27.7 MM gallons/yr		8760 hr/yr (All Year)
EQT0044	20-78 - Tank No. 127	3.27 million gallons		39.28 MM gallons/yr		8760 hr/yr (All Year)
EQT0046	28-78 - Tank No. 129	3.33 million gallons		39.98 MM gallons/yr		8760 hr/yr (All Year)
EQT0047	31-78 - Tank No. 130	3.41 million gallons		40.89 MM gallons/yr		8760 hr/yr (All Year)

INVENTORIES

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Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
UNF001 Entire Facility						
EQT0048	32-78 - Tank No. 131	3.5 million gallons		41.98 MM gallons/yr		8760 hr/yr (All Year)
EQT0049	33-78 - Tank No. 132	3.5 million gallons		42 MM gallons/yr		8760 hr/yr (All Year)
EQT0050	34-78 - Tank No. 133	3.55 million gallons		42.63 MM gallons/yr		8760 hr/yr (All Year)
EQT0053	37-78 - Tank No. 136	4.22 million gallons		50.6 MM gallons/yr		8760 hr/yr (All Year)
EQT0055	39-78 - Tank No. 138	4.36 million gallons		52.37 MM gallons/yr		8760 hr/yr (All Year)
EQT0056	40-78 - Tank No. 139	4.5 million gallons		53.99 MM gallons/yr		8760 hr/yr (All Year)
EQT0057	1-79 - Tank No. 140	28140 gallons		.34 MM gallons/yr		8760 hr/yr (All Year)
EQT0058	2-79 - Tank No. 141	28140 gallons		.34 MM gallons/yr		8760 hr/yr (All Year)
EQT0059	3-79 - Tank No. 142	28140 gallons		.34 MM gallons/yr		8760 hr/yr (All Year)
EQT0060	4-79 - Tank No. 143	28140 gallons		.34 MM gallons/yr		8760 hr/yr (All Year)
EQT0061	1-82 - Tank No. 106	2.32 million gallons		27.79 MM gallons/yr		8760 hr/yr (All Year)
EQT0062	2-82 - Tank No. 107	2.32 million gallons		27.79 MM gallons/yr		8760 hr/yr (All Year)
EQT0063	5-82 - Tank No. A-1	12390 gallons		.15 MM gallons/yr		8760 hr/yr (All Year)
EQT0064	6-82 - Tank No. A-2	12390 gallons		.15 MM gallons/yr		8760 hr/yr (All Year)
EQT0065	7-82 - Tank No. A-3	12390 gallons		.15 MM gallons/yr		8760 hr/yr (All Year)
EQT0066	8-82 - Tank No. A-4	12390 gallons		.15 MM gallons/yr		8760 hr/yr (All Year)
EQT0067	9-82 - Tank No. H-1	11970 gallons		.14 MM gallons/yr		8760 hr/yr (All Year)
EQT0068	10-82 - Tank No. H-2	11970 gallons		.14 MM gallons/yr		8760 hr/yr (All Year)
EQT0069	40-83 - Tank No. 60	505806 gallons		6.07 MM gallons/yr		8760 hr/yr (All Year)
EQT0070	39-83 - Tank No. 61	513492 gallons		6.16 MM gallons/yr		8760 hr/yr (All Year)
EQT0071	38-83 - Tank No. 62	529998 gallons		6.36 MM gallons/yr		8760 hr/yr (All Year)
EQT0072	37-83 - Tank No. 63	517902 gallons		6.21 MM gallons/yr		8760 hr/yr (All Year)
EQT0073	34-83 - Tank No. 64	514752 gallons		6.18 MM gallons/yr		8760 hr/yr (All Year)
EQT0074	33-83 - Tank No. 65	513702 gallons		6.16 MM gallons/yr		8760 hr/yr (All Year)
EQT0075	32-83 - Tank No. 66	526134 gallons		6.31 MM gallons/yr		8760 hr/yr (All Year)
EQT0076	31-83 - Tank No. 67	514962 gallons		6.18 MM gallons/yr		8760 hr/yr (All Year)
EQT0077	63-83 - Tank No. 71	270748 gallons		3.25 MM gallons/yr		8760 hr/yr (All Year)
EQT0078	64-83 - Tank No. 72	270845 gallons		3.25 MM gallons/yr		8760 hr/yr (All Year)
EQT0079	65-83 - Tank No. 73	271636 gallons		3.26 MM gallons/yr		8760 hr/yr (All Year)
EQT0080	66-83 - Tank No. 74	573689 gallons		6.88 MM gallons/yr		8760 hr/yr (All Year)
EQT0081	67-83 - Tank No. 75	573265 gallons		6.88 MM gallons/yr		8760 hr/yr (All Year)
EQT0082	68-83 - Tank No. 76	572259 gallons		6.87 MM gallons/yr		8760 hr/yr (All Year)
EQT0083	69-83 - Tank No. 77	572397 gallons		6.87 MM gallons/yr		8760 hr/yr (All Year)
EQT0084	82-83 - Tank No. 78	285514 gallons		3.43 MM gallons/yr		8760 hr/yr (All Year)
EQT0085	81-83 - Tank No. 79	285514 gallons		3.43 MM gallons/yr		8760 hr/yr (All Year)
EQT0086	75-83 - Tank No. 80	285600 gallons		3.43 MM gallons/yr		8760 hr/yr (All Year)
EQT0087	74-83 - Tank No. 81	46200 gallons		.55 MM gallons/yr		8760 hr/yr (All Year)

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INVENTORIES

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
UNF001 Entire Facility						
EQT0088	7-86 - Tank No. H-7	11970 gallons		.14 MM gallons/yr		8760 hr/yr (All Year)
EQT0089	6-86 - Tank No. H-8	11970 gallons		.14 MM gallons/yr		8760 hr/yr (All Year)
EQT0090	20-93 - Tank No. MV-1 Gasoline	940 gallons		11280 gallons/yr		8760 hr/yr (All Year)
EQT0092	5-05 - Tank 806 Vertical Fixed Roof	4.22 million gallons		50.63 MM gallons/yr		8760 hr/yr (All Year)
EQT0094	5-93 - Engine No. 5					8760 hr/yr (All Year)
EQT0095	1-05 - Tank 801 Vertical Fixed Roof	2.54 million gallons		30.5 MM gallons/yr		8760 hr/yr (All Year)
EQT0096	2-05 - Tank 802 Vertical Fixed Roof	2.54 million gallons		30.5 MM gallons/yr		8760 hr/yr (All Year)
EQT0097	3-05 - Tank 803 Vertical Fixed Roof	2.54 million gallons		30.5 MM gallons/yr		8760 hr/yr (All Year)
EQT0098	4-05 - Tank 804 Vertical Fixed Roof	2.54 million gallons		30.5 MM gallons/yr		8760 hr/yr (All Year)
EQT0099	2-86 - Tank No. B-1	10080 gallons		.12 MM gallons/yr		8760 hr/yr (All Year)
EQT0100	12-06A - Ship Loading					8760 hr/yr (All Year)
EQT0101	12-06B - Barge Loading					8760 hr/yr (All Year)
EQT0102	13-06 - Truck and Rail Uncontrolled Loading					8760 hr/yr (All Year)
FUG0002	9-06 - Fugitives					8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
UNF001 Entire Facility							
EQT0003	27-78 - Tank 128 Vertical Fixed Roof			120		40	
EQT0004	35-78 - Tank 134 Vertical Fixed Roof			120		42	
EQT0006	36-78 - Tank 135 Vertical Fixed Roof			120		42	
EQT0007	38-78 - Tank 137 Vertical Fixed Roof			134		40	
EQT0008	3-82 - Boiler No. 1	66.36	12502.4	2		40	580
EQT0009	4-82 - Boiler No. 2	66.36	12502.4	2		40	580
EQT0010	1-93 - Engine No. 1			.33		8	
EQT0011	4-93 - Engine No. 4			.33		6	
EQT0013	2-93 - Engine No. 2			.25		9	
EQT0014	6-93 - Engine No. 6			.25		9	
EQT0015	3-93 - Engine No. 3			.17		4	
EQT0016	7-93 - Engine No. 7			.17		4	
EQT0025	1-78 - Tank No. 108			22		30	
EQT0026	2-78 - Tank No. 109			27		30	

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INVENTORIES

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
UNF001 Entire Facility							
EQT0027	3-78 - Tank No. 110			27		30	
EQT0028	4-78 - Tank No. 111			35		30	
EQT0029	5-78 - Tank No. 112			50		30	
EQT0030	6-78 - Tank No. 113			50		30	
EQT0031	7-78 - Tank No. 114			35		28	
EQT0032	8-78 - Tank No. 115			35		28	
EQT0033	9-78 - Tank No. 116			27		29	
EQT0034	10-78 - Tank No. 117			35		30	
EQT0035	11-78 - Tank No. 118			35		30	
EQT0036	12-78 - Tank No. 119			35		30	
EQT0037	13-78 - Tank No. 120			27		29	
EQT0038	14-78 - Tank No. 121			22		25	
EQT0039	15-78 - Tank No. 122			77		29	
EQT0040	16-78 - Tank No. 123			77		30	
EQT0041	17-78 - Tank No. 124			115		30	
EQT0042	18-78 - Tank No. 125			115		30	
EQT0043	19-78 - Tank No. 126			114		30	
EQT0044	20-78 - Tank No. 127			117		41	
EQT0046	28-78 - Tank No. 129			120		40	
EQT0047	31-78 - Tank No. 130			120		41	
EQT0048	32-78 - Tank No. 131			120		42	
EQT0049	33-78 - Tank No. 132			120		42	
EQT0050	34-78 - Tank No. 133			120		42	
EQT0053	37-78 - Tank No. 136			134		40	
EQT0055	39-78 - Tank No. 138			134		40	
EQT0056	40-78 - Tank No. 139			134		42	
EQT0057	1-79 - Tank No. 140			13		32	
EQT0058	2-79 - Tank No. 141			13		32	
EQT0059	3-79 - Tank No. 142			13		32	
EQT0060	4-79 - Tank No. 143			13		32	
EQT0061	1-82 - Tank No. 106			100		40	
EQT0062	2-82 - Tank No. 107			100		40	
EQT0063	5-82 - Tank No. A-1			10		21	
EQT0064	6-82 - Tank No. A-2			10		21	

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INVENTORIES

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
UNF001 Entire Facility							
EQT0065	7-82 - Tank No. A-3			10		21	
EQT0066	8-82 - Tank No. A-4			10		21	
EQT0067	9-82 - Tank No. H-1			10		21	
EQT0068	10-82 - Tank No. H-2			10		21	
EQT0069	40-83 - Tank No. 60			55		30	
EQT0070	39-83 - Tank No. 61			55		30	
EQT0071	38-83 - Tank No. 62			55		30	
EQT0072	37-83 - Tank No. 63			55		29	
EQT0073	34-83 - Tank No. 64			55		29	
EQT0074	33-83 - Tank No. 65			55		29	
EQT0075	32-83 - Tank No. 66			55		30	
EQT0076	31-83 - Tank No. 67			55		30	
EQT0077	63-83 - Tank No. 71			38		32	
EQT0078	64-83 - Tank No. 72			38		32	
EQT0079	65-83 - Tank No. 73			38		32	
EQT0080	66-83 - Tank No. 74			48		42	
EQT0081	67-83 - Tank No. 75			48		42	
EQT0082	68-83 - Tank No. 76			48		42	
EQT0083	69-83 - Tank No. 77			48		43	
EQT0084	82-83 - Tank No. 78			45		24	
EQT0085	81-83 - Tank No. 79			45		24	
EQT0086	75-83 - Tank No. 80			45		24	
EQT0087	74-83 - Tank No. 81			45		24	
EQT0088	7-86 - Tank No. H-7			18		16	
EQT0089	6-86 - Tank No. H-8			18		16	
EQT0090	20-93 - Tank No. MV-1 Gasoline			4		10	
EQT0092	5-05 - Tank 806 Vertical Fixed Roof			134		40	
EQT0094	5-93 - Engine No. 5			.33		11	
EQT0095	1-05 - Tank 801 Vertical Fixed Roof			104		40	
EQT0096	2-05 - Tank 802 Vertical Fixed Roof			104		40	
EQT0097	3-05 - Tank 803 Vertical Fixed Roof			104		40	
EQT0098	4-05 - Tank 804 Vertical Fixed Roof			104		40	
EQT0099	2-86 - Tank No. B-1			12		12	

INVENTORIES

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
CRG0001	Common Requirements Group	CRG01 - Boiler Common Requirements Group
CRG0002	Common Requirements Group	CRG02 - Engine Common Requirements Group
GRP0004	Equipment Group	21-01 - Boiler Group Emissions Cap
GRP0005	Equipment Group	8-06 - Engine Group Emissions Cap
GRP0009	Equipment Group	3-06 - Storage Tank Group Emissions Cap
GRP0013	Equipment Group	12-06 - Marine Uncontrolled Loading Cap
UNF0001	Unit or Facility Wide	UNF001 - Entire Facility

Group Membership:

ID	Description	Member of Groups
EQT0003	27-78 - Tank 128 Vertical Fixed Roof	GRP0000000009
EQT0004	35-78 - Tank 134 Vertical Fixed Roof	GRP0000000009
EQT0006	36-78 - Tank 135 Vertical Fixed Roof	GRP0000000009
EQT0007	38-78 - Tank 137 Vertical Fixed Roof	GRP0000000009
EQT0008	3-82 - Boiler No. 1	CRG0000000001, GRP0000000004
EQT0009	4-82 - Boiler No. 2	CRG0000000001, GRP0000000004
EQT0010	1-93 - Engine No. 1	CRG0000000002, GRP0000000005
EQT0011	4-93 - Engine No. 4	CRG0000000002, GRP0000000005
EQT0013	2-93 - Engine No. 2	CRG0000000002, GRP0000000005
EQT0014	6-93 - Engine No. 6	CRG0000000002, GRP0000000005
EQT0015	3-93 - Engine No. 3	CRG0000000002, GRP0000000005
EQT0016	7-93 - Engine No. 7	CRG0000000002, GRP0000000005
EQT0025	1-78 - Tank No. 108	GRP0000000009
EQT0026	2-78 - Tank No. 109	GRP0000000009
EQT0027	3-78 - Tank No. 110	GRP0000000009
EQT0028	4-78 - Tank No. 111	GRP0000000009
EQT0029	5-78 - Tank No. 112	GRP0000000009
EQT0030	6-78 - Tank No. 113	GRP0000000009
EQT0031	7-78 - Tank No. 114	GRP0000000009
EQT0032	8-78 - Tank No. 115	GRP0000000009
EQT0033	9-78 - Tank No. 116	GRP0000000009
EQT0034	10-78 - Tank No. 117	GRP0000000009
EQT0035	11-78 - Tank No. 118	GRP0000000009
EQT0036	12-78 - Tank No. 119	GRP0000000009
EQT0037	13-78 - Tank No. 120	GRP0000000009
EQT0038	14-78 - Tank No. 121	GRP0000000009
EQT0039	15-78 - Tank No. 122	GRP0000000009
EQT0040	16-78 - Tank No. 123	GRP0000000009
EQT0041	17-78 - Tank No. 124	GRP0000000009

INVENTORIES

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Group Membership:

ID	Description	Member of Groups
EQT0042	18-78 - Tank No. 125	GRP0000000009
EQT0043	19-78 - Tank No. 126	GRP0000000009
EQT0044	20-78 - Tank No. 127	GRP0000000009
EQT0046	28-78 - Tank No. 129	GRP0000000009
EQT0047	31-78 - Tank No. 130	GRP0000000009
EQT0048	32-78 - Tank No. 131	GRP0000000009
EQT0049	33-78 - Tank No. 132	GRP0000000009
EQT0050	34-78 - Tank No. 133	GRP0000000009
EQT0053	37-78 - Tank No. 136	GRP0000000009
EQT0055	39-78 - Tank No. 138	GRP0000000009
EQT0056	40-78 - Tank No. 139	GRP0000000009
EQT0057	1-79 - Tank No. 140	GRP0000000009
EQT0058	2-79 - Tank No. 141	GRP0000000009
EQT0059	3-79 - Tank No. 142	GRP0000000009
EQT0060	4-79 - Tank No. 143	GRP0000000009
EQT0061	1-82 - Tank No. 106	GRP0000000009
EQT0062	2-82 - Tank No. 107	GRP0000000009
EQT0063	5-82 - Tank No. A-1	GRP0000000009
EQT0064	6-82 - Tank No. A-2	GRP0000000009
EQT0065	7-82 - Tank No. A-3	GRP0000000009
EQT0066	8-82 - Tank No. A-4	GRP0000000009
EQT0067	9-82 - Tank No. H-1	GRP0000000009
EQT0068	10-82 - Tank No. H-2	GRP0000000009
EQT0069	40-83 - Tank No. 60	GRP0000000009
EQT0070	39-83 - Tank No. 61	GRP0000000009
EQT0071	38-83 - Tank No. 62	GRP0000000009
EQT0072	37-83 - Tank No. 63	GRP0000000009
EQT0073	34-83 - Tank No. 64	GRP0000000009
EQT0074	33-83 - Tank No. 65	GRP0000000009
EQT0075	32-83 - Tank No. 66	GRP0000000009
EQT0076	31-83 - Tank No. 67	GRP0000000009
EQT0077	63-83 - Tank No. 71	GRP0000000009
EQT0078	64-83 - Tank No. 72	GRP0000000009
EQT0079	65-83 - Tank No. 73	GRP0000000009
EQT0080	66-83 - Tank No. 74	GRP0000000009
EQT0081	67-83 - Tank No. 75	GRP0000000009
EQT0082	68-83 - Tank No. 76	GRP0000000009
EQT0083	69-83 - Tank No. 77	GRP0000000009
EQT0084	82-83 - Tank No. 78	GRP0000000009
EQT0085	81-83 - Tank No. 79	GRP0000000009
EQT0086	75-83 - Tank No. 80	GRP0000000009
EQT0087	74-83 - Tank No. 81	GRP0000000009
EQT0088	7-86 - Tank No. H-7	GRP0000000009

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INVENTORIES

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Group Membership:

ID	Description	Member of Groups
EQT0089	6-86 - Tank No. H-8	GRP0000000009
EQT0092	5-05 - Tank 806 Vertical Fixed Roof	GRP0000000009
EQT0094	5-93 - Engine No. 5	CRG0000000002, GRP0000000005
EQT0095	1-05 - Tank 801 Vertical Fixed Roof	GRP0000000009
EQT0096	2-05 - Tank 802 Vertical Fixed Roof	GRP0000000009
EQT0097	3-05 - Tank 803 Vertical Fixed Roof	GRP0000000009
EQT0098	4-05 - Tank 804 Vertical Fixed Roof	GRP0000000009
EQT0099	2-86 - Tank No. B-1	GRP0000000009
EQT0100	12-06A - Ship Loading	GRP0000000013
EQT0101	12-06B - Barge Loading	GRP0000000013

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	*Air Contaminant Source*	Multiplier	Units Of Measure
1340	B) Petroleum, Chemical Bulk Storage and Terminal (1,000,000 - 3,000,000 BBL Capacity)		

SIC Codes:

4226	Special warehousing and storage, nec	AI8100
4226	Special warehousing and storage, nec	UNF001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
UNF001 Entire Facility															
EQT 0003 27-78														87.57	
EQT 0004 35-78														136.02	
EQT 0006 36-78														87.57	
EQT 0007 38-78														136.04	
EQT 0008 3-82		1.45			5.78			0.58			20.53			0.06	
EQT 0009 4-82		1.45			5.78			0.58			20.53			0.06	
EQT 0010 1-93		1.19			5.43			0.39			0.36			0.37	
EQT 0011 4-93		1.19			5.43			0.39			0.36			0.37	
EQT 0013 2-93		0.56			2.54			0.18			0.17			0.17	
EQT 0014 6-93		0.80			3.63			0.26			0.24			0.25	
EQT 0015 3-93		0.22			0.99			0.07			0.07			0.07	
EQT 0016 7-93		1.19			5.43			0.39			0.36			0.37	
EQT 0025 1-78														28.39	
EQT 0026 2-78														87.49	
EQT 0027 3-78														28.39	
EQT 0028 4-78														28.39	
EQT 0029 5-78														28.40	
EQT 0030 6-78														28.40	
EQT 0031 7-78														28.39	
EQT 0032 8-78														28.39	
EQT 0033 9-78														28.39	
EQT 0034 10-78														28.39	
EQT 0035 11-78														28.39	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
UNF001 Entire Facility															
EQT 0036 12-78														28.39	
EQT 0037 13-78														28.39	
EQT 0038 14-78														28.39	
EQT 0039 15-78														28.43	
EQT 0040 16-78														28.43	
EQT 0041 17-78														135.99	
EQT 0042 18-78														61.69	
EQT 0043 19-78														61.69	
EQT 0044 20-78														136.02	
EQT 0046 28-78														136.02	
EQT 0047 31-78														132.02	
EQT 0048 32-78														87.57	
EQT 0049 33-78														87.57	
EQT 0050 34-78														136.02	
EQT 0053 37-78														87.57	
EQT 0055 39-78														87.59	
EQT 0056 40-78														87.59	
EQT 0057 1-79														28.38	
EQT 0058 2-79														28.38	
EQT 0059 3-79														28.38	
EQT 0060 4-79														28.38	
EQT 0061 1-82														87.54	
EQT 0062 2-82														87.54	

TPOR0145

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
UNF001 Entire Facility															
EQT 0063 5-82														0.14	
EQT 0064 6-82														0.14	
EQT 0065 7-82														0.01	
EQT 0066 8-82														0.14	
EQT 0067 9-82														0.14	
EQT 0068 10-82														0.14	
EQT 0069 40-83														744.06	
EQT 0070 39-83														28.41	
EQT 0071 38-83														28.41	
EQT 0072 37-83														28.41	
EQT 0073 34-83														28.41	
EQT 0074 33-83														28.41	
EQT 0075 32-83														28.41	
EQT 0076 31-83														28.41	
EQT 0077 63-83														87.50	
EQT 0078 64-83														87.50	
EQT 0079 65-83														87.50	
EQT 0080 66-83														87.50	
EQT 0081 67-83														87.50	
EQT 0082 68-83														87.50	
EQT 0083 69-83														28.41	
EQT 0084 82-83														28.40	
EQT 0085 81-83														28.40	

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
UNF001 Entire Facility															
EQT 0086 75-83														28.40	
EQT 0087 74-83														28.40	
EQT 0088 7-86														0.14	
EQT 0089 6-86														0.14	
EQT 0090 20-93													0.05	32.64	0.21
EQT 0092 5-05														141.00	
EQT 0094 5-93		1.19			5.43			0.39			0.36			0.37	
EQT 0095 1-05														141.00	
EQT 0096 2-05														141.00	
EQT 0097 3-05														141.00	
EQT 0098 4-05														141.00	
EQT 0099 2-86														0.14	
EQT 0100 12-06A														3.73	
EQT 0101 12-06B														9.43	
EQT 0102 13-06													0.63	18.65	2.75
FUG 0002 9-06													0.25	0.25	1.11
GRP 0004 21-01	1.77		7.76	3.18		13.91	0.32		1.39	11.27		49.38	0.12		0.51
GRP 0005 8-06	1.17		3.51	5.43		16.28	0.39		1.16	0.36		1.08	0.43		1.30
GRP 0009 3-06													17.64		77.27
GRP 0013 12-06													3.64		15.95

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 27-78	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0004 35-78	Benzene		1.09	
	Biphenyl		0.31	
	Cumene		1.95	
	Ethyl benzene		3.51	
	Hydrogen sulfide		2.23	
	Naphthalene (and Methyl naphtalenes)		1.52	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		3.43	
	Xylene (mixed isomers)		12.55	
EQT 0006 36-78	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0007 38-78	Benzene		1.09	
	Biphenyl		0.31	
	Cumene		1.95	
	Ethyl benzene		3.51	
	Hydrogen sulfide		2.23	
	Naphthalene (and Methyl naphtalenes)		1.52	
	Polynuclear Aromatic Hydrocarbons		< 0.001	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0007 38-78	Toluene		3.43	
	Xylene (mixed isomers)		12.55	
EQT 0008 3-82	Formaldehyde		0.01	
EQT 0009 4-82	Formaldehyde		0.01	
EQT 0010 1-93	Formaldehyde		0.08	
EQT 0011 4-93	Formaldehyde		0.08	
EQT 0013 2-93	Formaldehyde		0.04	
EQT 0014 6-93	Formaldehyde		0.05	
EQT 0015 3-93	Formaldehyde		0.01	
EQT 0016 7-93	Formaldehyde		0.08	
EQT 0025 1-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0026 2-78	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0027 3-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0027 3-78	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0028 4-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.27	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0029 5-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0030 6-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0031 7-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0031 7-78	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0032 8-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0033 9-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0034 10-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0035 11-78	Benzene		0.11	
	Biphenyl		0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0035 11-78	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0036 12-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0037 13-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0038 14-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0039 15-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0040 16-78	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0041 17-78	Benzene		1.09	
	Biphenyl		0.31	
	Cumene		1.95	
	Ethyl benzene		3.51	
	Hydrogen sulfide		2.23	
	Naphthalene (and Methyl naphtalenes)		1.52	
	Polynuclear Aromatic Hydrocarbons		0.001	
	Toluene		3.43	
	Xylene (mixed isomers)		12.55	
EQT 0042 18-78	Benzene		0.54	
	Biphenyl		0.08	
	Cumene		0.77	
	Ethyl benzene		1.46	
	Hydrogen sulfide		1.03	
	Naphthalene (and Methyl naphtalenes)		0.45	
	Polynuclear Aromatic Hydrocarbons		< 0.001	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0042 18-78	Toluene		1.57	
	Xylene (mixed isomers)		5.21	
EQT 0043 19-78	Benzene		0.54	
	Biphenyl		0.08	
	Cumene		0.77	
	Ethyl benzene		1.48	
	Hydrogen sulfide		1.03	
	Naphthalene (and Methyl naphtalenes)		0.45	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		1.57	
	Xylene (mixed isomers)		5.21	
EQT 0044 20-78	Benzene		1.09	
	Biphenyl		0.31	
	Cumene		1.95	
	Ethyl benzene		3.51	
	Hydrogen sulfide		2.23	
	Naphthalene (and Methyl naphtalenes)		1.52	
	Polynuclear Aromatic Hydrocarbons		0.001	
	Toluene		3.43	
	Xylene (mixed isomers)		12.55	
EQT 0046 28-78	Benzene		1.09	
	Biphenyl		0.31	
	Cumene		1.95	
	Ethyl benzene		3.51	
	Hydrogen sulfide		2.23	
	Naphthalene (and Methyl naphtalenes)		1.52	
	Polynuclear Aromatic Hydrocarbons		0.001	
	Toluene		3.43	
	Xylene (mixed isomers)		12.55	
EQT 0047 31-78	Benzene		1.09	
	Biphenyl		0.31	
	Cumene		1.95	
	Ethyl benzene		3.51	
	Hydrogen sulfide		2.23	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0047 31-78	Naphthalene (and Methyl naphtalenes)		1.52	
	Polynuclear Aromatic Hydrocarbons		0.001	
	Toluene		3.43	
	Xylene (mixed isomers)		12.55	
EQT 0048 32-78	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0049 33-78	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0050 34-78	Benzene		1.09	
	Biphenyl		0.31	
	Cumene		1.95	
	Ethyl benzene		3.51	
	Hydrogen sulfide		2.23	
	Naphthalene (and Methyl naphtalenes)		1.52	
	Polynuclear Aromatic Hydrocarbons		0.001	
	Toluene		3.43	
	Xylene (mixed isomers)		12.55	
EQT 0053 37-78	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0053 37-78	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0055 39-78	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0056 40-78	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0057 1-79	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0058 2-79	Benzene		0.11	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0058 2-79	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0059 3-79	Benzene		0.11	
	Biphenyl		0.007	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0060 4-79	Benzene		0.11	
	Biphenyl		0.007	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0061 1-82	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0061 1-82	Xylene (mixed isomers)		7.72	
EQT 0062 2-82	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0063 5-82	Hydrogen sulfide		0.003	
EQT 0064 6-82	Hydrogen sulfide		0.003	
EQT 0065 7-82	Hydrogen sulfide		0.003	
EQT 0066 8-82	Hydrogen sulfide		0.003	
EQT 0067 9-82	Hydrogen sulfide		0.003	
EQT 0068 10-82	Hydrogen sulfide		0.003	
EQT 0069 40-83	Benzene		1.49	
	Biphenyl		0.10	
	Cumene		1.56	
	Ethyl benzene		3.24	
	Hydrogen sulfide		14.43	
	Naphthalene (and Methyl naphtalenes)		0.61	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		3.88	
	Xylene (mixed isomers)		11.30	
EQT 0070 39-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0071 38-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0072 37-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0073 34-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0074 33-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0074 33-83	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0075 32-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0076 31-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0077 63-83	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0078 64-83	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0078 64-83	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0079 65-83	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0080 66-83	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0081 67-83	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	
	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0082 68-83	Benzene		0.74	
	Biphenyl		0.15	
	Cumene		1.17	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0082 68-83	Ethyl benzene		2.17	
	Hydrogen sulfide		1.45	
	Naphthalene (and Methyl naphtalenes)		0.78	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		2.23	
	Xylene (mixed isomers)		7.72	
EQT 0083 69-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0084 82-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0085 81-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0086 75-83	Benzene		0.11	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0086 75-83	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0087 74-83	Benzene		0.11	
	Biphenyl		0.01	
	Cumene		0.11	
	Ethyl benzene		0.24	
	Hydrogen sulfide		0.54	
	Naphthalene (and Methyl naphtalenes)		0.05	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		0.28	
	Xylene (mixed isomers)		0.83	
EQT 0088 7-86	Hydrogen sulfide		0.003	
EQT 0089 6-86	Hydrogen sulfide		0.003	
EQT 0090 20-93	Benzene	< 0.001	0.20	< 0.01
	Cumene	< 0.001	0.003	< 0.001
	Ethyl benzene	< 0.001	0.02	< 0.01
	Hydrogen sulfide	0.001	0.653	0.004
	Methyl Tertiary Butyl Ether	< 0.001	0.01	< 0.01
	Toluene	< 0.001	0.23	< 0.01
	Xylene (mixed isomers)	< 0.001	0.07	< 0.01
	n-Hexane	< 0.001	0.17	< 0.01
EQT 0092 5-05	Benzene		0.53	
	Biphenyl		0.10	
	Cumene		0.83	
	Ethyl benzene		1.55	
	Hydrogen sulfide		2.61	
	Naphthalene (and Methyl naphtalenes)		0.56	
	Polynuclear Aromatic Hydrocarbons		< 0.001	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0092 5-05	Toluene		1.59	
	Xylene (mixed isomers)		5.51	
EQT 0094 5-93	Formaldehyde		0.08	
EQT 0095 1-05	Benzene		0.53	
	Biphenyl		0.10	
	Cumene		0.83	
	Ethyl benzene		1.55	
	Hydrogen sulfide		2.61	
	Naphthalene (and Methyl naphtalenes)		0.56	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		1.59	
	Xylene (mixed isomers)		5.51	
EQT 0096 2-05	Benzene		0.53	
	Biphenyl		0.10	
	Cumene		0.83	
	Ethyl benzene		1.55	
	Hydrogen sulfide		2.61	
	Naphthalene (and Methyl naphtalenes)		0.56	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		1.59	
	Xylene (mixed isomers)		5.51	
EQT 0097 3-05	Benzene		0.53	
	Biphenyl		0.10	
	Cumene		0.83	
	Ethyl benzene		1.55	
	Hydrogen sulfide		2.61	
	Naphthalene (and Methyl naphtalenes)		0.56	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		1.59	
	Xylene (mixed isomers)		5.51	
EQT 0098 4-05	Benzene		0.53	
	Biphenyl		0.10	
	Cumene		0.83	
	Ethyl benzene		1.55	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0098 4-05	Hydrogen sulfide		2.61	
	Naphthalene (and Methyl naphtalenes)		0.56	
	Polynuclear Aromatic Hydrocarbons		< 0.001	
	Toluene		1.59	
	Xylene (mixed isomers)		5.51	
EQT 0099 2-86	Hydrogen sulfide		0.003	
EQT 0100 12-06A	Benzene		0.02	
	Biphenyl		0.002	
	Cumene		0.02	
	Ethyl benzene		0.03	
	Hydrogen sulfide		0.03	
	Naphthalene (and Methyl naphtalenes)		0.01	
	Toluene		0.04	
	Xylene (mixed isomers)		0.12	
EQT 0101 12-06B	Benzene		0.03	
	Biphenyl		0.003	
	Cumene		0.02	
	Ethyl benzene		0.04	
	Hydrogen sulfide		0.08	
	Naphthalene (and Methyl naphtalenes)		0.02	
	Toluene		0.06	
	Xylene (mixed isomers)		0.17	
EQT 0102 13-06	Benzene	0.004	0.04	0.02
	Biphenyl	0.001	0.001	< 0.01
	Cumene	0.01	0.03	0.03
	Ethyl benzene	0.01	0.06	0.05
	Hydrogen sulfide	0.01	0.15	0.05
	Naphthalene (and Methyl naphtalenes)	0.004	0.03	0.02
	Toluene	0.01	0.10	0.05
	Xylene (mixed isomers)	0.04	0.25	0.17
FUG 0002 9-06	Biphenyl	0.001	0.001	0.006
	Hydrogen sulfide	0.005	0.005	0.022
	Naphthalene (and Methyl naphtalenes)	0.001	0.001	0.006
	Xylene (mixed isomers)	< 0.001	< 0.001	0.001

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0004 21-01	Formaldehyde	0.01		0.03
GRP 0005 8-06	Formaldehyde	0.08		0.04
GRP 0009 3-06	Benzene	0.12		0.54
	Biphenyl	0.03		0.13
	Cumene	0.20		0.89
	Ethyl benzene	0.37		1.64
	Hydrogen sulfide	0.30		1.32
	Naphthalene (and Methyl naphtalenes)	0.14		0.63
	Polynuclear Aromatic Hydrocarbons	< 0.001		< 0.01
	Toluene	0.38		1.65
	Xylene (mixed isomers)	1.33		5.83
GRP 0013 12-06	Benzene	0.02		0.09
	Biphenyl	0.004		0.02
	Cumene	0.03		0.14
	Ethyl benzene	0.06		0.27
	Hydrogen sulfide	0.06		0.29
	Naphthalene (and Methyl naphtalenes)	0.02		0.09
	Toluene	0.06		0.28
	Xylene (mixed isomers)	0.21		0.93
UNF 0001 UNF001	Benzene			0.65
	Biphenyl			0.16
	Cumene			1.07
	Ethyl benzene			1.97
	Formaldehyde			0.03
	Hydrogen sulfide			1.69
	Naphthalene (and Methyl naphtalenes)			0.76
	Polynuclear Aromatic Hydrocarbons			< 0.01
	Toluene			1.99
	Xylene (mixed isomers)			6.95

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

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SPECIFIC REQUIREMENTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

EQT0090 20-93 Tank No. MV-1 Gasoline

1	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
2	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0102 13-06 Truck and Rail Uncontrolled Emissions

3	[LAC 33:III.2107.D.1]	Product: Throughput recordkeeping by electronic or hard copy daily.
4	[LAC 33:III.501.C.6]	Calculated VOC Emissions Submit report: Due annually, by the 31st of March. Report the calculated VOC emissions associated with loading operations for EQT0102, 13-06, Loading Operations Emissions, for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
5	[LAC 33:III.501.C.6]	Calculation of VOC emissions Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total calculated VOC emissions each month, as well as the total calculated VOC emissions for the last twelve months. Calculation shall be based on actual product throughput and temperature. Make records available for inspection by DEQ personnel.
6	[LAC 33:III.501.C.6]	Product: Throughput monitored by technically sound method during loading. Which Months: All Year Statistical Basis: None specified
7	[LAC 33:III.501.C.6]	Temperature recordkeeping by electronic or hard copy daily. Keep records of product loading temperature. Make records available for inspection by DEQ personnel.
8	[LAC 33:III.501.C.6]	Temperature: Temperature of product as loaded monitored by technically sound method.

FUG0002 9-06 Fugitives

9	[LAC 33:III.1305]	Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

GRP0004 21-01 Boilers Group Emissions Cap

Group Members: EQT0008 EQT0009

10	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
11	[LAC 33:III.501.C.6]	Calculated VOC Emissions Submit report: Due annually, by the 31st of March. Report the calculated VOC emissions associated with boiler operations in GRP0004, 21-01, Boilers Group Emissions Cap, for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
12	[LAC 33:III.501.C.6]	Calculation of VOC emissions Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total calculated VOC emissions each month, as well as the total calculated VOC emissions for the last twelve months. Calculation shall be based on actual fuel consumption. Make records available for inspection by DEQ personnel.
13	[LAC 33:III.501.C.6]	Fuel consumed in boilers: Fuel monitored by technically sound method monthly. Which Months: All Year Statistical Basis: None specified

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SPECIFIC REQUIREMENTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
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Air - Minor Source/Small Source Mod

GRP0004 21-01 Boilers Group Emissions Cap

14	[LAC 33:III.501.C.6]	Fuel consumed: Fuel recordkeeping by electronic or hard copy monthly. Keep records of the total fuel consumed in boilers each month, as well as the total fuel consumed for the last twelve months. Make records available for inspection by DEQ personnel.

GRP0005 8-06 Engine Group Emissions Cap

Group Members: EQT0010 EQT0011 EQT0013 EQT0014 EQT0015 EQT0016 EQT0094

15	[LAC 33:III.501.C.6]	Calculated VOC Emissions Submit report: Due annually, by the 31st of March. Report the calculated VOC emissions associated with boiler operations in GRP0005, 8-06, Engine Group Emissions Cap, for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
16	[LAC 33:III.501.C.6]	Calculation of VOC emissions Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total calculated VOC emissions each month, as well as the total calculated VOC emissions for the last twelve months. Calculation shall be based on actual operating time. Make records available for inspection by DEQ personnel.
17	[LAC 33:III.501.C.6]	Operating time Total Submit report: Due annually, by the 31st of March. Report the total hours of operation for all diesel engines in Emission Point No. 8-06 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
18	[LAC 33:III.501.C.6]	Total Operating time <= 6000 hr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if total operating hours of all diesel engines exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
19	[LAC 33:III.501.C.6]	Total Operating time monitored by technically sound method as needed. Which Months: All Year Statistical Basis: None specified
20	[LAC 33:III.501.C.6]	Total Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total hours of operation for all diesel engines in Emission Point No. 8-06 each month, as well as the total hours of operation for all diesel engines in Emission Point No. 8-06 for the last twelve months. Make records available for inspection by DEQ personnel.

GRP0009 3-06 Storage Tank Emissions Cap

Group Members: EQT0003 EQT0004 EQT0006 EQT0007 EQT0025 EQT0026 EQT0027 EQT0028 EQT0029 EQT0030 EQT0031 EQT0032 EQT0033 EQT0034 EQT0035 EQT0036 EQT0037 EQT0038 EQT0039 EQT0040 EQT0041 EQT0042 EQT0043 EQT0044 EQT0046 EQT0047 EQT0048 EQT0049 EQT0050 EQT0053 EQT0055 EQT0056 EQT0057 EQT0058 EQT0059 EQT0060 EQT0061 EQT0062 EQT0063 EQT0064 EQT0065 EQT0066 EQT0067 EQT0068 EQT0069 EQT0070 EQT0071 EQT0072 EQT0073 EQT0074 EQT0075 EQT0076 EQT0077 EQT0078 EQT0079 EQT0080 EQT0081 EQT0082 EQT0083 EQT0084 EQT0085 EQT0086 EQT0087 EQT0088 EQT0089 EQT0092 EQT0095 EQT0096 EQT0097 EQT0098 EQT0099

21	[LAC 33:III.501.C.6]	Calculated VOC emissions Submit report: Due annually, by the 31st of March. Report the calculated VOC emissions for all storage tanks in GRP0009, 3-06, Storage Tank Emissions Cap, for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
22	[LAC 33:III.501.C.6]	Calculation of VOC emissions Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total calculated VOC emissions each month, as well as the total calculated VOC emissions for the last twelve months. Calculation shall be based on actual product throughput and temperature. Make records available for inspection by DEQ personnel.

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SPECIFIC REQUIREMENTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
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Air - Minor Source/Small Source Mod

GRP0009 3-06 Storage Tank Emissions Cap

23	[LAC 33:III.501.C.6]	Product: Throughput monitored by technically sound method during loading. Which Months: All Year Statistical Basis: None specified
24	[LAC 33:III.501.C.6]	Product: Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total product loaded each day, as well as the total loaded for the last twelve months. Make records available for inspection by DEQ personnel.
25	[LAC 33:III.501.C.6]	Temperature recordkeeping by electronic or hard copy daily. Keep records of product loading temperature. Make records available for inspection by DEQ personnel.
26	[LAC 33:III.501.C.6]	Temperature: Temperature of product as loaded monitored by technically sound method.

GRP0013 12-06 Marine Uncontrolled Loading Cap

Group Members: EQT0100 EQT0101

27	[LAC 33:III.2107.D.1]	Product: Throughput recordkeeping by electronic or hard copy daily.
28	[LAC 33:III.501.C.6]	Calculated VOC emissions Submit report: Due annually, by the 31st of March. Report the calculated VOC emissions for all marine loading activies in GRP0013, 12-06, Marine Uncontrolled Loading Cap, for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
29	[LAC 33:III.501.C.6]	Calculation of VOC emissions Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total calculated VOC emissions each month, as well as the total calculated VOC emissions for the last twelve months. Calculation shall be based on actual throughput and temperature. Make records available for inspection by DEQ personnel.
30	[LAC 33:III.501.C.6]	Product: Throughput monitored by technically sound method during loading. Which Months: All Year Statistical Basis: None specified
31	[LAC 33:III.501.C.6]	Temperature recordkeeping by electronic or hard copy daily. Keep records of product loading temperature. Make records available for inspection by DEQ personnel.
32	[LAC 33:III.501.C.6]	Temperature: Temperature of product as loaded monitored by technically sound method.

CRG0001 Boiler Common Requirements Group

Group Members: EQT0008 EQT0009

33	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, equipment changes, ash removal, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
34	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified
35	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

SPECIFIC REQUIREMENTS

AI ID: 8100 - International Matex Tank Terminal (IMTT) - Gretna Facility
Activity Number: PER20040002
Permit Number: 1340-00078-03
Air - Minor Source/Small Source Mod

CRG0002 Engine Common Requirements Group

Group Members: EQT0010 EQT0011 EQT0013 EQT0014 EQT0015 EQT0016 EQT0094

36	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
37	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

UNF0001 UNF001 Entire Facility

38	[LAC 33:III.1103]	Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
39	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
40	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
41	[LAC 33:III.501.C.6]	Calculated VOC emissions Submit report: Due annually, by the 31st of March. Report the calculated total VOC emissions for entire site for for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
42	[LAC 33:III.501.C.6]	Projected VOC emissions recordkeeping by electronic or hard copy as needed: Keep records of projected VOC emissions calculated before accepting additional product for offloading when site VOC emissions are >/= 85 tons for the previous 12-month period. Make records available for inspection to DEQ personnel.
43	[LAC 33:III.501.C.6]	VOC, Total: Before accepting additional product for offloading when site VOC emissions are >/= 85 tons for the previous 12-month period, VOC emissions associated with accepting the material shall be projected by calculation based on amount of product to be offloaded and conditions anticipated during offloading to ensure acceptance of material will not cause facility to exceed permitted VOC emission limit. VOC calculations shall be calculated using the appropriate AP-42 emission factor for each activity.
44	[LAC 33:III.501.C.6]	VOC, Total: VOC emissions for all emission sources <=99.11 tons/year.
45	[LAC 33:III.5611.A]	Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
46	[LAC 33:III.5611.B]	During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

Department of Environmental Quality
Air Quality Division
P.O. Box 82135
Baton Rouge, LA 70884-2135
(504) 765-0219

LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
8-82	A4	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	10 ☐ ft ☐ ft²					12331

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				0.14			add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				< 0.01				

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LOUISIANA

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for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
7-82	**A3**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	10 ☐ ft ☐ ft²					12331

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
5-05	**806**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	**134** ☐ ft ☐ ft²					**4217362**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**141.00**			**add**	
Naphthalene				**0.56**			**add**	
Xylene				**5.51**			**add**	
Biphenyl				**0.10**			**add**	
Toluene				**1.59**			**add**	
Cumene				**0.83**			**add**	
Ethylbenzne				**1.55**			**add**	
Benzene				**0.53**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**2.61**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
4-05	804	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	104 ☐ ft ☐ ft²					2540376

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				141.00			add	
Naphthalene				0.56			add	
Xylene				5.51			add	
Biphenyl				0.10			add	
Toluene				1.59			add	
Cumene				0.83			add	
Ethylbenzne				1.55			add	
Benzene				0.53			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.61			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
3-05	**803**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	**104** ☐ ft ☐ ft²					**2540376**

Fuel		Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**141.00**			**add**	
Naphthalene				**0.56**			**add**	
Xylene				**5.51**			**add**	
Biphenyl				**0.10**			**add**	
Toluene				**1.59**			**add**	
Cumene				**0.83**			**add**	
Ethylbenzne				**1.55**			**add**	
Benzene				**0.53**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**2.61**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
2-05	**802**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	**104** ☐ ft ☐ ft²					**2540376**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**141.00**			**add**	
Naphthalene				**0.56**			**add**	
Xylene				**5.51**			**add**	
Biphenyl				**0.10**			**add**	
Toluene				**1.59**			**add**	
Cumene				**0.83**			**add**	
Ethylbenzne				**1.55**			**add**	
Benzene				**0.53**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**2.61**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
1-05	801	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	104 ☐ ft ☐ ft²					2540376

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				141.00			add	
Naphthalene				0.56			add	
Xylene				5.51			add	
Biphenyl				0.10			add	
Toluene				1.59			add	
Cumene				0.83			add	
Ethylbenzne				1.55			add	
Benzene				0.53			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.61			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
2-86	**B-1**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	12	**12** ☐ ft ☐ ft²					**10146.**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
6-86	H8	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	16	18 ☐ ft ☐ ft²					30439

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				0.14			add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				< 0.01			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
7-86	**H7**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	16	**18** ☐ ft ☐ ft²					**30439**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
10-82	H2	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	10 ☐ ft ☐ ft²					12331

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				0.14			add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				< 0.01			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
9-82	**H1**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	**10** ☐ ft ☐ ft²					**12331**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
8-82	A4	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft 2)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft 3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	10 ☐ ft ☐ ft 2					12331

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				0.14			add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				< 0.01				

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
7-82	**A3**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature °F	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	**10** ☐ ft ☐ ft²					**12331**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
6-82	A2	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature °F	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	10 ☐ ft ☐ ft²					12331

Fuel		Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				0.14			add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				< 0.01			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
5-82	**A1**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	**10** ☐ ft ☐ ft²					**12331**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
4-78	Tank 111	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft 2)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft 3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	35 [ ] ft [ ] ft 2					215789

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Maximum (lb/hr)	Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.39			add	
Naphthalene				0.27			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
3-78	**Tank 110**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	**27** [ ] ft [ ] ft²					**128416**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**28.39**			**add**	
Naphthalene				**0.05**			**add**	
Xylene				**0.83**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**0.28**			**add**	
Cumene				**0.11**			**add**	
Ethylbenzne				**0.24**			**add**	
Benzene				**0.11**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**0.54**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
1-78	Tank 108	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	22 [ ] ft [ ] ft²					85259

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.39			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
20-93	**Tank MV1**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	10	**4** [ ] ft [ ] ft²					**939**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**28.34**			**add**	
Benzene				**0.20**			**add**	
n-hexane				**0.17**			**add**	
Isooctane				**< 0.01**			**add**	
Xylene				**6.62**			**add**	
Toluene				**0.23**			**add**	
MTBE				**1.40**			**add**	
Ethylbenzene				**0.02**			**add**	
Cumene				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**0.65**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
4-79	Tank 143	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	32	13 [ ] ft [ ] ft²					31755

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.38			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
3-79	Tank 142	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	32	13 [ ] ft [ ] ft²					31755

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.38			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
2-79	**Tank 141**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft 2)	Stack gas exit temperature ℉	Stack gas flow at process conditions, not at standard (ft 3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	32	**13** [ ] ft [ ] ft 2					**31755**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**28.38**			**add**	
Naphthalene				**0.05**			**add**	
Xylene				**0.83**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**0.28**			**add**	
Cumene				**0.11**			**add**	
Ethylbenzne				**0.24**			**add**	
Benzene				**0.11**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**0.54**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
1-79	Tank 140	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	32	13 [ ] ft [ ] ft²					31755

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.38			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
40-78	**Tank 139**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	**134** [ ] ft [ ] ft²					**4428230**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**87.59**			**add**	
Naphthalene				**0.78**			**add**	
Xylene				**7.72**			**add**	
Biphenyl				**0.15**			**add**	
Toluene				**2.23**			**add**	
Cumene				**1.17**			**add**	
Ethylbenzne				**2.17**			**add**	
Benzene				**0.74**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**1.45**			**add**	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
39-78	Tank 138	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	134 [ ] ft [ ] ft²					4217362

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.59			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
38-78	**Tank 137**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	**134** [ ] ft [ ] ft²					**4217362**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Maximum (lb/hr)	Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**136.04**			**add**	
Naphthalene				**1.52**			add	
Xylene				**12.55**			**add**	
Biphenyl				**0.31**			**add**	
Toluene				**3.43**			**add**	
Cumene				**1.95**			**add**	
Ethylbenzne				**3.51**			**add**	
Benzene				**1.09**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**2.23**			**add**	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
37-78	Tank 136	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	134 [ ] ft [ ] ft²					4217362

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.57			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
36-78	Tank 135	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	120 [ ] ft [ ] ft²					3551265

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.57			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
35-78	Tank 134	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	120 [ ] ft [ ] ft²					3551265

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				136.02			add	
Naphthalene				0.78			add	
Xylene				12.55			add	
Biphenyl				0.31			add	
Toluene				3.43			add	
Cumene				1.95			add	
Ethylbenzne				3.51			add	
Benzene				1.09			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.23			add	

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for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
34-78	**Tank 133**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft 2)	Stack gas exit temperature ℃	Stack gas flow at process conditions, not at standard (ft 3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	**120** [ ] ft [ ] ft 2					**3551265**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**136.02**			**add**	
Naphthalene				**1.52**			add	
Xylene				**12.55**			**add**	
Biphenyl				**0.31**			**add**	
Toluene				**3.43**			**add**	
Cumene				**1.95**			**add**	
Ethylbenzne				**3.51**			**add**	
Benzene				**1.09**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**2.23**			**add**	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
33-78	**Tank 132**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	**120** [ ] ft [ ] ft²					**3551265**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a											
b											
c				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**87.57**			**add**	
Naphthalene				**0.78**			**add**	
Xylene				**7.72**			**add**	
Biphenyl				**0.15**			**add**	
Toluene				**2.23**			**add**	
Cumene				**1.17**			**add**	
Ethylbenzne				**2.17**			**add**	
Benzene				**0.74**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**1.45**			**add**	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
32-78	Tank 131	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	120 [ ] ft [ ] ft²					3551265

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.57			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
31-78	**Tank 130**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft 2)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft 3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	41	**120** [ ] ft [ ] ft 2					**3466711**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**132.02**			**add**	
Naphthalene				**1.52**			add	
Xylene				**12.55**			**add**	
Biphenyl				**0.31**			**add**	
Toluene				**3.43**			**add**	
Cumene				**1.95**			**add**	
Ethylbenzne				**3.51**			**add**	
Benzene				**1.09**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**2.23**			**add**	

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
28-78	Tank 129	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	120 [ ] ft [ ] ft²					3382157

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				136.02			add	
Naphthalene				1.52			add	
Xylene				12.55			add	
Biphenyl				0.31			add	
Toluene				3.43			add	
Cumene				1.95			add	
Ethylbenzne				3.51			add	
Benzene				1.09			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.23			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
27-78	**Tank 128**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	**120** [ ] ft [ ] ft²					**3382157**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**87.57**			**add**	
Naphthalene				**0.78**			**add**	
Xylene				**7.72**			**add**	
Biphenyl				**0.15**			**add**	
Toluene				**2.23**			**add**	
Cumene				**1.17**			**add**	
Ethylbenzne				**2.17**			**add**	
Benzene				**0.74**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**1.45**			**add**	

Department of Environmental Quality
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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
20-78	**Tank 127**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	41	**117** [ ] ft [ ] ft²					**3295542**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**136.02**			**add**	
Naphthalene				**1.52**			add	
Xylene				**12.55**			**add**	
Biphenyl				**0.31**			**add**	
Toluene				**3.43**			**add**	
Cumene				**1.95**			**add**	
Ethylbenzne				**3.51**			**add**	
Benzene				**1.09**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**2.23**			**add**	

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
19-78	**Tank 126**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	**114** [ ] ft [ ] ft²					**2289297**

Fuel		Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**61.69**			**add**	
Naphthalene				**0.45**			add	
Xylene				**5.21**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**1.57**			**add**	
Cumene				**0.77**			**add**	
Ethylbenzne				**1.48**			**add**	
Benzene				**0.54**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**1.03**			**add**	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
18-78	Tank 125	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	114 [ ] ft [ ] ft²					2289297

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				61.69			add	
Naphthalene				0.45			add	
Xylene				5.21			add	
Biphenyl				< 0.01			add	
Toluene				1.57			add	
Cumene				0.77			add	
Ethylbenzne				1.46			add	
Benzene				0.54			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.03			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
17-78	Tank 124	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft 2)	Stack gas exit temperature ℉	Stack gas flow at process conditions, not at standard (ft 3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	114 [ ] ft [ ] ft 2					2289297

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				135.99			add	
Naphthalene				1.52			add	
Xylene				12.55			add	
Biphenyl				0.31			add	
Toluene				3.43			add	
Cumene				1.95			add	
Ethylbenzne				3.51			add	
Benzene				1.09			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.23			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
16-78	Tank 123	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	77 [ ] ft [ ] ft²					1044417

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.43			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
15-78	Tank 122	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	29	77 [ ] ft [ ] ft²					1009603

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.43			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
14-78	**Tank 121**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	25	**22** [ ] ft [ ] ft²					**71049**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**28.39**			**add**	
Naphthalene				**0.05**			add	
Xylene				**0.83**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**0.28**			**add**	
Cumene				**0.11**			**add**	
Ethylbenzne				**0.24**			**add**	
Benzene				**0.11**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**0.54**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
13-78	Tank 120	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	29	27 [ ] ft [ ] ft²					124136

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.39			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
12-78	Tank 119	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	35 [ ] ft [ ] ft²					215789

Fuel		Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.39			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
11-78	**Tank 118**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	**35** [ ] ft [ ] ft²					**215789**

Fuel		Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**28.39**			**add**	
Naphthalene				**0.05**			add	
Xylene				**0.83**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**0.28**			**add**	
Cumene				**0.11**			**add**	
Ethylbenzne				**0.24**			**add**	
Benzene				**0.11**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**0.54**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
10-78	Tank 117	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature ℃	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	35 [ ] ft [ ] ft²					215789

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.39			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
9-78	Tank 116	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	29	27 [ ] ft [ ] ft²					124136

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.39			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
8-78	Tank 115	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	28	35 [ ] ft [ ] ft²					201403

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.39			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
7-78	**Tank 114**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	28	**35** [ ] ft [ ] ft²					**201403**

Fuel		Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**28.39**			**add**	
Naphthalene				**0.05**			add	
Xylene				**0.83**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**0.28**			**add**	
Cumene				**0.11**			**add**	
Ethylbenzne				**0.24**			**add**	
Benzene				**0.11**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**0.54**			**add**	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
6-78	Tank 113	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft 2)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft 3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	50 [ ] ft [ ] ft 2					440385

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.40			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
5-78	Tank 112	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	50 [ ] ft [ ] ft²					440385

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a			25%	25%	25%	25%	24	7	52	
	b										
	c										

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.40			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
2-78	Tank 109	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	27 [ ] ft [ ] ft²					128416.

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.49			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				< 0.01			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
2-82	**Tank 107**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature °F	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	**100** [ ] ft [ ] ft²					**2348720**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**87.54**			**add**	
Naphthalene				**0.78**			**add**	
Xylene				**7.72**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**2.23**			**add**	
Cumene				**1.17**			**add**	
Ethylbenzne				**2.17**			**add**	
Benzene				**0.74**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**1.45**			**add**	

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
1-82	Tank 106	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	100 [ ] ft [ ] ft²					2348720

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.54			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
74-83	Tank 81	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	24	45 [ ] ft [ ] ft²					285369

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.40			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
75-83	Tank 80	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft 2)	Stack gas exit temperature ℃	Stack gas flow at process conditions, not at standard (ft 3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	24	45 [ ] ft [ ] ft 2					285369

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.40			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
81-83	**Tank 79**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	24	**45** [ ] ft [ ] ft²					**285369**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**28.40**			**add**	
Naphthalene				**0.05**			add	
Xylene				**0.83**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**0.28**			**add**	
Cumene				**0.11**			**add**	
Ethylbenzne				**0.24**			**add**	
Benzene				**0.11**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**0.54**			**add**	

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Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
82-83	Tank 78	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	24	45 [ ] ft [ ] ft²					285369

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.40			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

Department of Environmental Quality
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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
69-83	Tank 77	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	48 [ ] ft [ ] ft²					568202

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.41			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
68-83	Tank 76	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	48 [ ] ft [ ] ft²					568202

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.50			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
67-83	Tank 75	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	48 [ ] ft [ ] ft²					568202

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.50			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
66-83	Tank 74	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	42	48 [ ] ft [ ] ft²					568202

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.50			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
65-83	Tank 73	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	32	38 [ ] ft [ ] ft²					271324

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a			25%	25%	25%	25%	24	7	52	
	b										
	c										

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.50			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
64-83	Tank 72	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	32	38 [ ] ft [ ] ft²					271324

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a			25%	25%	25%	25%	24	7	52	
	b										
	c										

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.50			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
63-83	Tank 71	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	32	38 [ ] ft [ ] ft²					271324

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				87.50			add	
Naphthalene				0.78			add	
Xylene				7.72			add	
Biphenyl				0.15			add	
Toluene				2.23			add	
Cumene				1.17			add	
Ethylbenzne				2.17			add	
Benzene				0.74			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				1.45			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
31-83	Tank 67	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	55 [ ] ft [ ] ft²					532866

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.41			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
32-83	Tank 66	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	55 [ ] ft [ ] ft²					532866

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.41			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE Emission Inventory Questionnaire (EIQ) for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
33-83	Tank 65	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	29	55 [ ] ft [ ] ft²					515104

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.41			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
34-83	Tank 64	UTM zone no. [X] 15 [ ] 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	29	55 [ ] ft [ ] ft²					515104

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.41			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

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SINGLE POINT/AREA/VOLUME SOURCE Emission Inventory Questionnaire (EIQ) for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
37-83	Tank 63	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature °F	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	29	55 [ ] ft [ ] ft²					515104

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.41			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

Department of Environmental Quality
Air Quality Division
P.O. Box 82135
Baton Rouge, LA 70884-2135
(504) 765-0219

LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
38-83	**Tank 62**	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	**55** [ ] ft [ ] ft²					**532866**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**28.41**			**add**	
Naphthalene				**0.05**			add	
Xylene				**0.83**			**add**	
Biphenyl				**< 0.01**			**add**	
Toluene				**0.28**			**add**	
Cumene				**0.11**			**add**	
Ethylbenzne				**0.24**			**add**	
Benzene				**0.11**			**add**	
Phenanthrene (PAH)				**< 0.01**			**add**	
Hydrogen Sulfide (TAP)				**0.54**			**add**	

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Department of Environmental Quality
Air Quality Division
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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
39-83	Tank 61	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE; [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	55 [ ] ft [ ] ft²					532866

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				28.41			add	
Naphthalene				0.05			add	
Xylene				0.83			add	
Biphenyl				< 0.01			add	
Toluene				0.28			add	
Cumene				0.11			add	
Ethylbenzne				0.24			add	
Benzene				0.11			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				0.54			add	

Department of Environmental Quality
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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
40-83	Tank 60	UTM zone no. [X] 15 Horizontal coordinate 782.9 mE [ ] 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	30	55 [ ] ft [ ] ft²					532866

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				744.06			add	
Naphthalene				0.61			add	
Xylene				11.30			add	
Biphenyl				0.10			add	
Toluene				3.88			add	
Cumene				1.56			add	
Ethylbenzne				3.24			add	
Benzene				1.49			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				14.43			add	

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 10 *of* 10

Summary

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Total VOC	5499	0.628	18.655	2.749
Benzene	32	0.004	0.043	0.016
Biphenyl	6	0.001	0.004	0.003
Cumene	49	0.006	0.027	0.025
Ethylbenzene	92	0.011	0.060	0.046
n-Hexane	0	0.000	0.040	0.000
Hydrogen Sulfide	100	0.011	0.151	0.050
Naphthalene	33	0.004	0.032	0.017
Phenanthrene	0	0.000	0.000	0.000
Toluene	95	0.011	0.100	0.047
Xylene	319	0.036	0.233	0.160
Total HAPs	627			0.31
Total TAPs	728			0.36

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 9 *of* 10

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 77 F psia	Partial Pressure @ 77 F psia
Benzene	0.03	78.11	0.00050	1.5318	0.000766
Ethylbenzene	0.11	106.17	0.00135	0.1464	0.000198
n-Hexane	0.03	86.17	0.00045	2.4681	0.001119
Naphthalene	8.41	128.16	0.08547	0.0025	0.000216
Toluene	0.19	92.13	0.00269	0.4476	0.001202
Xylene	0.76	106.18	0.00932	0.1275	0.001188
Other	90.47	130.90	0.90022	0.0000	0.004310
Total	100	130.00	1.00000		0.009

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	2.7	0.0003	0.0261	0.0014
Ethylbenzene	1.0	0.0001	0.0091	0.0005
n-Hexane	4.4	0.0005	0.0421	0.0022
Naphthalene	1.3	0.0001	0.0121	0.0006
Toluene	5.0	0.0006	0.0483	0.0025
Xylene	5.7	0.0007	0.0550	0.0029
Other	25.6	0.0029	0.2460	0.0128
Total	46	0.0052	0.4387	0.02

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 8 *of* 10

Diesel with HAPs

Total Product Loaded =	37,134	bbl/yr
Cargo Carrier =	tank truck and rail car	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	1559624	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.0090	psia
M =	130.00	lb/lb-mole
S =	1.00	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 1 * 0.009 psia * 130 lb/lb-mole / 530 R
= 0.0275 lb/1000 gal

Total VOC Emissions =	42.90	lb/yr
Total VOC Emissions =	0.0214	tpy
Maximum VOC Emission Rate =	0.4126	lb/hr
Average VOC Emission Rate =	0.005	lb/hr

TAP Speciation

Hydrogen Sulfide 0.5 %

Total H_2S Emissions =	0	lb/yr
Total H_2S Emissions =	0.0001	tpy
Maximum H_2S Emission Rate =	0.0021	lb/hr
Average H_2S Emission Rate =	0.000	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 7 *of* 10

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 77 F psia	Partial Pressure @ 77 F psia
Benzene	0.03	78.11	0.00050	1.8382	0.000920
Ethylbenzene	0.11	106.17	0.00135	0.1840	0.000248
n-Hexane	0.03	86.17	0.00045	2.9292	0.001328
Naphthalene	8.41	128.16	0.08547	0.0035	0.000301
Toluene	0.19	92.13	0.00269	0.5494	0.001476
Xylene	0.76	106.18	0.00932	0.1606	0.001497
Other	90.47	130.90	0.90022	0.336	0.302731
Total	100	130.00	1		0.309

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	0.3	0.0000	0.0253	0.0001
Ethylbenzene	0.1	0.0000	0.0093	0.0000
n-Hexane	0.4	0.0000	0.0403	0.0002
Naphthalene	0.1	0.0000	0.0136	0.0001
Toluene	0.5	0.0001	0.0479	0.0003
Xylene	0.6	0.0001	0.0560	0.0003
Other	148.7	0.0170	13.9504	0.0744
Total	151	0.0172	14.1427	0.08

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 6 *of* 10

Cutter Stock

Total Product Loaded =	3,808	bbl/yr
Cargo Carrier =	tank truck and rail car	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	159941	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.3085	psia
M =	130.00	lb/lb-mole
S =	1.00	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 1 * 0.3085 psia * 130 lb/lb-mole / 530 R
= 0.9428 lb/1000 gal

Total VOC Emissions =	150.80	lb/yr
Total VOC Emissions =	0.0754	tpy
Maximum VOC Emission Rate =	14.1427	lb/hr
Average VOC Emission Rate =	0.017	lb/hr

TAP Speciation

Hydrogen Sulfide 0.5 %

Total H_2S Emissions =	1	lb/yr
Total H_2S Emissions =	0.0004	tpy
Maximum H_2S Emission Rate =	0.0707	lb/hr
Average H_2S Emission Rate =	0.000	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 130 F psia	Partial Pressure @ 130 F psia
Benzene	0.0023	78.11	0.00006	6.1873	0.000345
Biphenyl	0.5	154.2	0.00615	0.0058	0.000036
Cumene	0.05	120.2	0.00079	0.4484	0.000354
Ethylbenzene	0.05	106.17	0.00089	0.8365	0.000747
Naphthalene	0.5	128.16	0.00740	0.03	0.000222
Phenanthrene	0.02	178.23	0.00021	0.00022	0.00000005
Toluene	0.02	92.13	0.00041	2.1435	0.000882
Xylene	0.20	106.18	0.00357	0.7248	0.002588
Other	98.66	190.77	0.98052	0.045	0.043926
Total	100	190.00	1		0.049

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	5.1	0.0006	0.0089	0.0026
Biphenyl	1.0	0.0001	0.0018	0.0005
Cumene	8.1	0.0009	0.0141	0.0040
Ethylbenzene	15.1	0.0017	0.0262	0.0075
Naphthalene	5.4	0.0006	0.0094	0.0027
Phenanthrene	0.0	0.000000	0.0000	0.000001
Toluene	15.5	0.0018	0.0269	0.0077
Xylene	52.3	0.0060	0.0909	0.0262
Other	1595.2	0.1821	2.7720	0.7976
Total	1698	0.1938	2.9503	0.85

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 4 *of* 10

AGO/VGO

Total Product Loaded =	205,516	bbl/yr
Cargo Carrier =	tank truck and rail car	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	8631687	gal/yr
Temperature =	131	F
Temperature =	591	R
P =	0.0491	psia
M =	190.00	lb/lb-mole
S =	1.00	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 1 * 0.0491007146071 psia * 190 lb/lb-mole / 591 R
= 0.1967 lb/1000 gal

Total VOC Emissions =	1697.73	lb/yr
Total VOC Emissions =	0.8489	tpy
Maximum VOC Emission Rate =	2.9503	lb/hr
Average VOC Emission Rate =	0.194	lb/hr

TAP Speciation

Hydrogen Sulfide 2 %

Total H_2S Emissions =	34	lb/yr
Total H_2S Emissions =	0.0170	tpy
Maximum H_2S Emission Rate =	0.0590	lb/hr
Average H_2S Emission Rate =	0.004	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 3 *of* 10

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 130 F psia	Partial Pressure @ 130 F psia
Benzene	0.0023	78.11	0.00006	6.1873	0.000345
Biphenyl	0.5	154.2	0.00615	0.0058	0.000036
Cumene	0.05	120.2	0.00079	0.4484	0.000354
Ethylbenzene	0.05	106.17	0.00089	0.8365	0.000747
Naphthalene	0.5	128.16	0.00740	0.03	0.000222
Phenanthrene	0.02	178.23	0.00021	0.00022	0.00000005
Toluene	0.02	92.13	0.00041	2.1435	0.000882
Xylene	0.20	106.18	0.00357	0.7248	0.002588
Other	98.66	190.77	0.98052	0.015	0.014926
Total	100	190.00	1		0.020

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	26.2	0.0030	0.0085	0.0131
Biphenyl	5.3	0.0006	0.0017	0.0027
Cumene	41.2	0.0047	0.0133	0.0206
Ethylbenzene	76.9	0.0088	0.0249	0.0385
Naphthalene	27.6	0.0031	0.0089	0.0138
Phenanthrene	0.0	0.000001	0.0000	0.000004
Toluene	78.8	0.0090	0.0255	0.0394
Xylene	266.5	0.0304	0.0862	0.1333
Other	2761.4	0.3152	0.8926	1.3807
Total	3284	0.3749	1.0615	1.64

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 2 *of* 10

Heavy Fuel Oil

Total Product Loaded =	1,104,853	bbl/yr
Cargo Carrier =	tank truck and rail car	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	46403829	gal/yr
Temperature =	131	F
Temperature =	591	R
P =	0.02010	psia
M =	167.00	lb/lb-mole
S =	1.00	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L = 12.46 * 1 * 0.0201 psia * 167 lb/lb-mole / 591 R
= 0.0708 lb/1000 gal

Total VOC Emissions =	3283.95	lb/yr
Total VOC Emissions =	1.6420	tpy
Maximum VOC Emission Rate =	1.0615	lb/hr
Average VOC Emission Rate =	0.375	lb/hr

TAP Speciation

Hydrogen Sulfide 2 %

Total H_2S Emissions =	66	lb/yr
Total H_2S Emissions =	0.0328	tpy
Maximum H_2S Emission Rate =	0.0212	lb/hr
Average H_2S Emission Rate =	0.007	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: TRUCK AND RAIL LOADING
Point Source ID No.: 13-06 *Page* 1 *of* 10

L_L = 12.46 * SPM/T

where
L_L = loading loss, lb per 1000 gal liquid loaded
S = a saturation factor from Table 5.2-1 in AP-42
P = true vapor pressure of liquid loaded, psia
M = molecular weight of vapors, lb/lb-mole
T = temperature of bulk liquid loaded, degrees R

Natural Oils

Total Product Loaded =	1,310,585	bbl/yr
Cargo Carrier =	tank truck and rail car	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	55044571	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.00100	psia
M =	250.00	lb/lb-mole
S =	1.00	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.0	%

L_L, = 12.46 * 1 * 0.001 psia * 250 lb/lb-mole / 530 R
= 0.0059 lb/1000 gal

Total VOC Emissions =	323.52	lb/yr
Total VOC Emissions =	0.1618	tpy
Maximum VOC Emission Rate =	0.0882	lb/hr
Average VOC Emission Rate =	0.0369	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B *Page* 10 *of* 10

Summary

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Total VOC	16497	1.883	9.328	8.248
Benzene	95	0.011	0.026	0.047
Biphenyl	19	0.002	0.003	0.010
Cumene	148	0.017	0.021	0.074
Ethylbenzene	276	0.032	0.044	0.138
n-Hexane	1	0.000	0.020	0.001
Hydrogen Sulfide	301	0.034	0.075	0.151
Naphthalene	99	0.011	0.021	0.050
Phenanthrene	0	0.000	0.000	0.000
Toluene	284	0.032	0.064	0.142
Xylene	958	0.109	0.165	0.479
Total HAPs	1882			0.94
Total TAPs	2183			1.09

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B *Page* 9 *of* 10

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 77 F psia	Partial Pressure @ 77 F psia
Benzene	0.03	78.11	0.00050	1.8382	0.000920
Ethylbenzene	0.11	106.17	0.00135	0.1840	0.000248
n-Hexane	0.03	86.17	0.00045	2.9292	0.001328
Naphthalene	8.41	128.16	0.08547	0.0035	0.000301
Toluene	0.19	92.13	0.00269	0.5494	0.001476
Xylene	0.76	106.18	0.00932	0.1606	0.001497
Other	90.47	130.90	0.90022	0.0000	0.003231
Total	100	130.00	1.00000		0.009

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	10.3	0.0012	0.0165	0.0052
Ethylbenzene	3.8	0.0004	0.0061	0.0019
n-Hexane	16.4	0.0019	0.0263	0.0082
Naphthalene	5.5	0.0006	0.0089	0.0028
Toluene	19.5	0.0022	0.0313	0.0098
Xylene	22.8	0.0026	0.0366	0.0114
Other	60.7	0.0069	0.0972	0.0303
Total	139	0.0159	0.2228	0.07

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B

Diesel with HAPs

Total Product Loaded =	222,803	bbl/yr
Cargo Carrier =	barge	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	9357742	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.0090	psia
M =	130.00	lb/lb-mole
S =	0.50	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

$L_{L,}$ = 12.46 * 0.5 * 0.009 psia * 130 lb/lb-mole / 530 R
= 0.0138 lb/1000 gal

Total VOC Emissions =	128.70	lb/yr
Total VOC Emissions =	0.0643	tpy
Maximum VOC Emission Rate =	0.2063	lb/hr
Average VOC Emission Rate =	0.015	lb/hr

TAP Speciation

Hydrogen Sulfide 0.5 %

Total H_2S Emissions =	1	lb/yr
Total H_2S Emissions =	0.0003	tpy
Maximum H_2S Emission Rate =	0.0010	lb/hr
Average H_2S Emission Rate =	0.000	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B *Page* 7 *of* 10

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 77 F psia	Partial Pressure @ 77 F psia
Benzene	0.03	78.11	0.00050	1.8382	0.000920
Ethylbenzene	0.11	106.17	0.00135	0.1840	0.000248
n-Hexane	0.03	86.17	0.00045	2.9292	0.001328
Naphthalene	8.41	128.16	0.08547	0.0035	0.000301
Toluene	0.19	92.13	0.00269	0.5494	0.001476
Xylene	0.76	106.18	0.00932	0.1606	0.001497
Other	90.47	130.90	0.90022	0.336	0.302731
Total	100	130.00	1		0.309

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	0.8	0.0001	0.0126	0.0004
Ethylbenzene	0.3	0.0000	0.0046	0.0001
n-Hexane	1.3	0.0001	0.0201	0.0006
Naphthalene	0.4	0.0000	0.0068	0.0002
Toluene	1.5	0.0002	0.0239	0.0008
Xylene	1.8	0.0002	0.0280	0.0009
Other	446.2	0.0509	6.9752	0.2231
Total	452	0.0516	7.0713	0.23

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B *Page* 6 *of* 10

Cutter Stock

Total Product Loaded =	22,849	bbl/yr
Cargo Carrier =	barge	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	959644	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.3085	psia
M =	130.00	lb/lb-mole
S =	0.50	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 0.5 * 0.3085 psia * 130 lb/lb-mole / 530 R
= 0.4714 lb/1000 gal

Total VOC Emissions =	452.40	lb/yr
Total VOC Emissions =	0.2262	tpy
Maximum VOC Emission Rate =	7.0713	lb/hr
Average VOC Emission Rate =	0.052	lb/hr

TAP Speciation

Hydrogen Sulfide 0.5 %

Total H_2S Emissions =	2	lb/yr
Total H_2S Emissions =	0.0011	tpy
Maximum H_2S Emission Rate =	0.0354	lb/hr
Average H_2S Emission Rate =	0.000	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 130 F psia	Partial Pressure @ 130 F psia
Benzene	0.0023	78.11	0.00006	6.1873	0.000345
Biphenyl	0.5	154.2	0.00615	0.0058	0.000036
Cumene	0.05	120.2	0.00079	0.4484	0.000354
Ethylbenzene	0.05	106.17	0.00089	0.8365	0.000747
Naphthalene	0.5	128.16	0.00740	0.03	0.000222
Phenanthrene	0.02	178.23	0.00021	0.00022	0.00000005
Toluene	0.02	92.13	0.00041	2.1435	0.000882
Xylene	0.20	106.18	0.00357	0.7248	0.002588
Other	98.66	190.77	0.98052	0.045	0.043926
Total	100	190.00	1		0.049

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	15.4	0.0018	0.0045	0.0077
Biphenyl	3.1	0.0004	0.0009	0.0016
Cumene	24.3	0.0028	0.0070	0.0121
Ethylbenzene	45.3	0.0052	0.0131	0.0226
Naphthalene	16.2	0.0019	0.0047	0.0081
Phenanthrene	0.0	0.000001	0.0000	0.000002
Toluene	46.4	0.0053	0.0134	0.0232
Xylene	157.0	0.0179	0.0455	0.0785
Other	4785.5	0.5463	1.3860	2.3927
Total	5093	0.5814	1.4751	2.55

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B

AGO/VGO

Total Product Loaded =	1,233,098	bbl/yr
Cargo Carrier =	barge	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	51790121	gal/yr
Temperature =	131	F
Temperature =	591	R
P =	0.0491	psia
M =	190.00	lb/lb-mole
S =	0.50	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

$L_{L,}$ = 12.46 * 0.5 * 0.0491007146071 psia * 190 lb/lb-mole / 591 R
= 0.0983 lb/1000 gal

Total VOC Emissions =	5093.18	lb/yr
Total VOC Emissions =	2.5466	tpy
Maximum VOC Emission Rate =	1.4751	lb/hr
Average VOC Emission Rate =	0.581	lb/hr

TAP Speciation

Hydrogen Sulfide 2 %

Total H_2S Emissions =	102	lb/yr
Total H_2S Emissions =	0.0509	tpy
Maximum H_2S Emission Rate =	0.0295	lb/hr
Average H_2S Emission Rate =	0.012	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 130 F psia	Partial Pressure @ 130 F psia
Benzene	0.0023	78.11	0.00006	6.1873	0.000345
Biphenyl	0.5	154.2	0.00615	0.0058	0.000036
Cumene	0.05	120.2	0.00079	0.4484	0.000354
Ethylbenzene	0.05	106.17	0.00089	0.8365	0.000747
Naphthalene	0.5	128.16	0.00740	0.03	0.000222
Phenanthrene	0.02	178.23	0.00021	0.00022	0.00000005
Toluene	0.02	92.13	0.00041	2.1435	0.000882
Xylene	0.20	106.18	0.00357	0.7248	0.002588
Other	98.66	190.77	0.98052	0.015	0.014926
Total	100	190.00	1		0.020

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	78.5	0.0090	0.0090	0.0392
Biphenyl	16.0	0.0018	0.0018	0.0080
Cumene	123.7	0.0141	0.0141	0.0618
Ethylbenzene	230.7	0.0263	0.0263	0.1154
Naphthalene	82.7	0.0094	0.0094	0.0414
Phenanthrene	0.0	0.000003	0.0000	0.000012
Toluene	236.5	0.0270	0.0270	0.1182
Xylene	799.6	0.0913	0.0913	0.3998
Other	8284.1	0.9457	0.9457	4.1421
Total	9852	1.1246	1.1246	4.93

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B *Page* 2 *of* 10

Heavy Fuel Oil

Total Product Loaded =	6,629,118	bbl/yr
Cargo Carrier =	barge	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	278422971	gal/yr
Temperature =	131	F
Temperature =	591	R
P =	0.02010	psia
M =	167.00	lb/lb-mole
S =	0.50	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 0.5 * 0.0201 psia * 167 lb/lb-mole / 591 R
= 0.0354 lb/1000 gal

Total VOC Emissions =	9851.86	lb/yr
Total VOC Emissions =	4.9259	tpy
Maximum VOC Emission Rate =	0.5308	lb/hr
Average VOC Emission Rate =	1.125	lb/hr

TAP Speciation

Hydrogen Sulfide 2 %

Total H_2S Emissions =	197	lb/yr
Total H_2S Emissions =	0.0985	tpy
Maximum H_2S Emission Rate =	0.0106	lb/hr
Average H_2S Emission Rate =	0.022	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: BARGE LOADING
Point Source ID No.: 12-06B

L_L = 12.46 * SPM/T

where
L_L = loading loss, lb per 1000 gal liquid loaded
S = a saturation factor from Table 5.2-1 in AP-42
P = true vapor pressure of liquid loaded, psia
M = molecular weight of vapors, lb/lb-mole
T = temperature of bulk liquid loaded, degrees R

Natural Oils

Total Product Loaded =	7,863,510	bbl/yr
Cargo Carrier =	barge	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	330267427	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.00100	psia
M =	250.00	lb/lb-mole
S =	0.50	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.0	%

$L_{L,}$ = 12.46 * 0.5 * 0.001 psia * 250 lb/lb-mole / 530 R
= 0.0029 lb/1000 gal

Total VOC Emissions =	970.55	lb/yr
Total VOC Emissions =	0.4853	tpy
Maximum VOC Emission Rate =	0.0441	lb/hr
Average VOC Emission Rate =	0.1108	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A

Summary

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Total VOC	15397	1.758	3.731	7.698
Benzene	88	0.010	0.022	0.044
Biphenyl	18	0.002	0.002	0.009
Cumene	138	0.016	0.016	0.069
Ethylbenzene	258	0.029	0.032	0.129
n-Hexane	1	0.000	0.008	0.001
Hydrogen Sulfide	281	0.032	0.030	0.141
Naphthalene	93	0.011	0.013	0.046
Phenanthrene	0	0.000	0.000	0.000
Toluene	265	0.030	0.040	0.133
Xylene	894	0.102	0.115	0.447
Total HAPs	1756			0.88
Total TAPs	2037			1.02

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A *Page* 9 *of* 10

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 77 F psia	Partial Pressure @ 77 F psia
Benzene	0.03	78.11	0.00050	1.8382	0.000920
Ethylbenzene	0.11	106.17	0.00135	0.1840	0.000248
n-Hexane	0.03	86.17	0.00045	2.9292	0.001328
Naphthalene	8.41	128.16	0.08547	0.0035	0.000301
Toluene	0.19	92.13	0.00269	0.5494	0.001476
Xylene	0.76	106.18	0.00932	0.1606	0.001497
Other	90.47	130.90	0.90022	0.0000	0.003231
Total	100	130.00	1.00000		0.009

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	9.6	0.0011	0.0066	0.0048
Ethylbenzene	3.5	0.0004	0.0024	0.0018
n-Hexane	15.3	0.0017	0.0105	0.0077
Naphthalene	5.2	0.0006	0.0035	0.0026
Toluene	18.2	0.0021	0.0125	0.0091
Xylene	21.3	0.0024	0.0146	0.0106
Other	56.6	0.0065	0.0389	0.0283
Total	130	0.0148	0.0891	0.06

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A

Diesel with HAPs

Total Product Loaded =	519,875	bbl/yr
Cargo Carrier =	ship	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	21834731	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.0090	psia
M =	130.00	lb/lb-mole
S =	0.20	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 0.2 * 0.009 psia * 130 lb/lb-mole / 530 R
= 0.0055 lb/1000 gal

Total VOC Emissions =	120.12	lb/yr
Total VOC Emissions =	0.0601	tpy
Maximum VOC Emission Rate =	0.0825	lb/hr
Average VOC Emission Rate =	0.014	lb/hr

TAP Speciation

Hydrogen Sulfide 0.5 %

Total H_2S Emissions =	1	lb/yr
Total H_2S Emissions =	0.0003	tpy
Maximum H_2S Emission Rate =	0.0004	lb/hr
Average H_2S Emission Rate =	0.000	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 77 F psia	Partial Pressure @ 77 F psia
Benzene	0.03	78.11	0.00050	1.8382	0.000920
Ethylbenzene	0.11	106.17	0.00135	0.1840	0.000248
n-Hexane	0.03	86.17	0.00045	2.9292	0.001328
Naphthalene	8.41	128.16	0.08547	0.0035	0.000301
Toluene	0.19	92.13	0.00269	0.5494	0.001476
Xylene	0.76	106.18	0.00932	0.1606	0.001497
Other	90.47	130.90	0.90022	0.336	0.302731
Total	100	130.00	1		0.309

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	0.8	0.0001	0.0051	0.0004
Ethylbenzene	0.3	0.0000	0.0019	0.0001
n-Hexane	1.2	0.0001	0.0081	0.0006
Naphthalene	0.4	0.0000	0.0027	0.0002
Toluene	1.4	0.0002	0.0096	0.0007
Xylene	1.7	0.0002	0.0112	0.0008
Other	416.5	0.0475	2.7901	0.2082
Total	422	0.0482	2.8285	0.21

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A

Cutter Stock

Total Product Loaded =	53,314	bbl/yr
Cargo Carrier =	ship	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	2239170	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.3085	psia
M =	130.00	lb/lb-mole
S =	0.20	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 0.2 * 0.3085 psia * 130 lb/lb-mole / 530 R
= 0.1886 lb/1000 gal

Total VOC Emissions =	422.24	lb/yr
Total VOC Emissions =	0.2111	tpy
Maximum VOC Emission Rate =	2.8285	lb/hr
Average VOC Emission Rate =	0.048	lb/hr

TAP Speciation

Hydrogen Sulfide 0.5 %

Total H_2S Emissions =	2	lb/yr
Total H_2S Emissions =	0.0011	tpy
Maximum H_2S Emission Rate =	0.0141	lb/hr
Average H_2S Emission Rate =	0.000	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 130 F psia	Partial Pressure @ 130 F psia
Benzene	0.0023	78.11	0.00006	6.1873	0.000345
Biphenyl	0.5	154.2	0.00615	0.0058	0.000036
Cumene	0.05	120.2	0.00079	0.4484	0.000354
Ethylbenzene	0.05	106.17	0.00089	0.8365	0.000747
Naphthalene	0.5	128.16	0.00740	0.03	0.000222
Phenanthrene	0.02	178.23	0.00021	0.00022	0.00000005
Toluene	0.02	92.13	0.00041	2.1435	0.000882
Xylene	0.20	106.18	0.00357	0.7248	0.002588
Other	98.66	190.77	0.98052	0.045	0.043926
Total	100	190.00	1		0.049

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	14.4	0.0016	0.0018	0.0072
Biphenyl	2.9	0.0003	0.0004	0.0015
Cumene	22.7	0.0026	0.0028	0.0113
Ethylbenzene	42.3	0.0048	0.0052	0.0211
Naphthalene	15.2	0.0017	0.0019	0.0076
Phenanthrene	0.0	0.000001	0.0000	0.000002
Toluene	43.3	0.0049	0.0054	0.0217
Xylene	146.5	0.0167	0.0182	0.0732
Other	4466.4	0.5099	0.5544	2.2332
Total	4754	0.5427	0.5901	2.38

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A

AGO/VGO

Total Product Loaded =	2,877,229	bbl/yr
Cargo Carrier =	ship	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	120843617	gal/yr
Temperature =	131	F
Temperature =	591	R
P =	0.0491	psia
M =	190.00	lb/lb-mole
S =	0.20	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 0.2 * 0.0491007146071 psia * 190 lb/lb-mole / 591 R
= 0.0393 lb/1000 gal

Total VOC Emissions =	4753.63	lb/yr
Total VOC Emissions =	2.3768	tpy
Maximum VOC Emission Rate =	0.5901	lb/hr
Average VOC Emission Rate =	0.543	lb/hr

TAP Speciation

Hydrogen Sulfide 2 %

Total H_2S Emissions =	95	lb/yr
Total H_2S Emissions =	0.0475	tpy
Maximum H_2S Emission Rate =	0.0118	lb/hr
Average H_2S Emission Rate =	0.011	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A *Page* 1 *of* 10

L_L = 12.46 * SPM/T

where
L_L = loading loss, lb per 1000 gal liquid loaded
S = a saturation factor from Table 5.2-1 in AP-42
P = true vapor pressure of liquid loaded, psia
M = molecular weight of vapors, lb/lb-mole
T = temperature of bulk liquid loaded, degrees R

Natural Oils

Total Product Loaded =	18,348,190	bbl/yr
Cargo Carrier =	ship	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	770623996	gal/yr
Temperature =	70	F
Temperature =	530	R
P =	0.00100	psia
M =	250.00	lb/lb-mole
S =	0.20	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.0	%

L_L, = 12.46 * 0.2 * 0.001 psia * 250 lb/lb-mole / 530 R
= 0.0012 lb/1000 gal

Total VOC Emissions =	905.85	lb/yr
Total VOC Emissions =	0.4529	tpy
Maximum VOC Emission Rate =	0.0176	lb/hr
Average VOC Emission Rate =	0.1034	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A

Compound	Weight Percent	Molecular Weight	Mole Fraction	True Vapor Pressure @ 130 F psia	Partial Pressure @ 130 F psia
Benzene	0.0023	78.11	0.00006	6.1873	0.000345
Biphenyl	0.5	154.2	0.00615	0.0058	0.000036
Cumene	0.05	120.2	0.00079	0.4484	0.000354
Ethylbenzene	0.05	106.17	0.00089	0.8365	0.000747
Naphthalene	0.5	128.16	0.00740	0.03	0.000222
Phenanthrene	0.02	178.23	0.00021	0.00022	0.00000005
Toluene	0.02	92.13	0.00041	2.1435	0.000882
Xylene	0.20	106.18	0.00357	0.7248	0.002588
Other	98.66	190.77	0.98052	0.015	0.014926
Total	100	190.00	1		0.020

Using partial pressures,

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Benzene	73.3	0.0084	0.0084	0.0366
Biphenyl	14.9	0.0017	0.0017	0.0075
Cumene	115.4	0.0132	0.0132	0.0577
Ethylbenzene	215.3	0.0246	0.0246	0.1077
Naphthalene	77.2	0.0088	0.0088	0.0386
Phenanthrene	0.0	0.000003	0.0000	0.000011
Toluene	220.7	0.0252	0.0252	0.1104
Xylene	746.3	0.0852	0.0852	0.3732
Other	7731.8	0.8826	0.8826	3.8659
Total	9195	1.0497	1.0497	4.60

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: SHIP LOADING
Point Source ID No.: 12-06A

Heavy Fuel Oil

Total Product Loaded =	15,467,943	bbl/yr
Cargo Carrier =	ship	
Mode of Operation =	splash loading: dedicated normal service	
Pumping Rate =	15000	gal/hr
Annual Volume of Liquid Loaded =	649653599	gal/yr
Temperature =	131	F
Temperature =	591	R
P =	0.02010	psia
M =	167.00	lb/lb-mole
S =	0.20	
Control Efficiency =	0.0	%
Weight % in Loaded Material =	100.00	%

L_L, = 12.46 * 0.2 * 0.0201 psia * 167 lb/lb-mole / 591 R
= 0.0142 lb/1000 gal

Total VOC Emissions =	9195.07	lb/yr
Total VOC Emissions =	4.5975	tpy
Maximum VOC Emission Rate =	0.2123	lb/hr
Average VOC Emission Rate =	1.050	lb/hr

TAP Speciation

Hydrogen Sulfide 2 %

Total H_2S Emissions =	184	lb/yr
Total H_2S Emissions =	0.0920	tpy
Maximum H_2S Emission Rate =	0.0042	lb/hr
Average H_2S Emission Rate =	0.021	lb/hr

Air Emissions Calculation Sheet

RTP Environmental Associates, Inc.
Kenner, Louisiana

Client: INTERNATIONAL MATEX TANK TERMINALS
Source Description: MARINE UNCONTROLLED LOADING CAP
Point Source ID No.: 12-06 *Page* 1 *of* 1

Emissions cap for all marine loading including ship and barge loading.

Compound	Total Loss lb/yr	Average Emission Rate lb/hr	Maximum Emission Rate lb/hr	Annual Emissions tpy
Total VOC	31894	3.641	13.059	15.947
Benzene	183	0.021	0.048	0.092
Biphenyl	37	0.004	0.005	0.018
Cumene	286	0.033	0.037	0.143
Ethylbenzene	534	0.061	0.076	0.267
n-Hexane	2	0.000	0.028	0.001
Hydrogen Sulfide	582	0.066	0.106	0.291
Naphthalene	192	0.022	0.034	0.096
Phenanthrene	0	0.000	0.000	0.000
Toluene	550	0.063	0.105	0.275
Xylene	1853	0.212	0.279	0.926
Total HAPs	3638			1.82
Total TAPs	4220			2.11

Department of Environmental Quality
Permits Division
P. O. Box 4313
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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
International Matex Tank Terminals	IMTT – Gretna Gretna, LA	Sept 2007

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
13-06	Truck and Rail Uncontrolled Loading Cap	UTM zone no. ☒ 15 ☐ 16 Horizontal coordinate 782.9 kmE Vertical coordinate 3312.1 kmN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft²	–	N/A	N/A	Varies	

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
a		
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	8760 hours			

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC (including those listed below)			0.63	18.65	2.75	3	A	
Naphthalene			0.004	0.032	0.017	3	A	
Xylene			0.04	0.25	0.17	3	A	
Biphenyl			0.001	0.001	0.004	3	A	
Toluene			0.011	0.100	0.047	3	A	
Cumene			0.006	0.027	0.025	3	A	
Ethylbenzene			0.011	0.060	0.046	3	A	
Benzene			0.004	0.043	0.016	3	A	
Hydrogen sulfide			0.011	0.151	0.050	3	A	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
International Matex Tank Terminals	IMTT – Gretna Gretna, LA	Sept 2007

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
12-06B	Barge Loading	UTM zone no. ☒ 15 ☐ 16 Horizontal coordinate 782.9 kmE Vertical coordinate 3312.1 kmN

Stack and Discharge Physical Characteristics [Change ☐yes ☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft^2	–	N/A	N/A	Varies	

Fuel

Type of fuel used and heat input (see Instructions)	Type of fuel	Heat Input (MM BTU/hr)
a		
b		
c		

Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
	25	25	25	25	8760 hours			

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC (including those listed below)				9.43		3	A	
Naphthalene				0.02		3	A	
Xylene				0.17		3	A	
Biphenyl				0.003		3	A	
Toluene				0.06		3	A	
Cumene				0.021		3	A	
Ethylbenzene				0.044		3	A	
Benzene				0.026		3	A	
Hydrogen sulfide				0.075		3	A	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
International Matex Tank Terminals	IMTT – Gretna Gretna, LA	Sept 2007

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
12-06A	Ship Loading	UTM zone no. ☒ 15 ☐ 16 Horizontal coordinate 782.9 kmE Vertical coordinate 3312.1 kmN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft^2	–	N/A	N/A	Varies	

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
a		
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	8760 hours			

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC (including those listed below)				3.73		3	A	
Naphthalene				0.013		3	A	
Xylene				0.115		3	A	
Biphenyl				0.002		3	A	
Toluene				0.040		3	A	
Cumene				0.016		3	A	
Ethylbenzene				0.032		3	A	
Benzene				0.022		3	A	
Hydrogen sulfide				0.030		3	A	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
International Matex Tank Terminals	IMTT – Gretna Gretna, LA	Sept 2007

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
12-06	Marine Uncontrolled Loading Cap	UTM zone no. ☒ 15 ☐ 16 Horizontal coordinate 782.9 kmE Vertical coordinate 3312.1 kmN

Stack and Discharge Physical Characteristics (Change ☐yes☐no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft^2	–	N/A	N/A	Varies	

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
a		
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	8760 hours			

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC (including those listed below)			3.64		15.95	3	A	
Naphthalene			0.02		0.09	3	A	
Xylene			0.21		0.93	3	A	
Biphenyl			0.004		0.02	3	A	
Toluene			0.06		0.28	3	A	
Cumene			0.03		0.14	3	A	
Ethylbenzene			0.06		0.27	3	A	
Benzene			0.02		0.09	3	A	
Hydrogen sulfide			0.06		0.29	3	A	

RTP ENVIRONMENTAL ASSOCIATES, INC.
AIR • WATER • SOLID WASTE CONSULTANTS

285 West Esplanade Avenue, Suite 401
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Fax: (504) 472-9963

February 20, 2008

Ms. Cheryl Sonnier Nolan, Assistant Secretary
Louisiana Department of Environmental Quality
Office of Environmental Services
P.O. Box 4313
Baton Rouge, LA 70821-4313

Dear Ms. Nolan:

Supplemental Information
Air Permit Application
International Matex Tank Terminals
Gretna, Louisiana
Agency Interest No. 8100
RTPLA Project No. 2000-018-005

RTP Environmental Associates, Inc. is enclosing two copies of supplemental information, consisting of replacement EIQs and calculations pursuant to a meeting held on February 13, 2008 between representatives of the Air Permits Division and International Matex Tank Terminals.

Please do not hesitate to contact me or Ms. Ann-Margaret Deavers if you have any questions relating to this submittal.

Sincerely,

RTP ENVIRONMENTAL ASSOCIATES, INC.

William J. Palermo, P.E.
Principal
e-mail: bpalermo@rtpenv.com

Encs.

c: Ms. Ridgely Myers, IMTT (w/ enc)
Mr. Rusty Walker, IMTT (w/ enc)

	15.95 tpy, which is equivalent to about 0.04 tons per day. It is felt that daily recordkeeping of such a small quantity of emissions is excessively burdensome and not productive.	

LDEQ-EDMS Document 36824542, Page 159 of 419

Worksheet for Technical Review of Working Draft of Proposed Permit

Company Name:	**International Matex Tank Terminals**	**AI #:**	**8100**	**TEMPO Activity No:**	**PER20040002**
Facility Name:	**IMTT-Gretna**	**Remarks Submitted by:**	**William J. Palermo, P.E. RTP Environmental Associates, Inc.**		
Permit Writer:	**Shannon Pusateri**	**Permit Writer Email address:**	**Shannon.Pusateri@LA.GOV**		

Instructions

Permit Reference – Indicate specific portion(s) of the permit to which the remark relates (i.e. "Specific Condition 120", or "Section II Air Permit Briefing Sheet", etc.).

Remarks – Explain the basis for each remark. Provide regulatory citations where possible. If the remark is made due to an error or omission in the permit application this must be noted and the revised information ***must be submitted.*** Revised information may be submitted separately from this worksheet. Please be aware that revised information must be submitted in writing and certified by the Responsible Official, and if necessary, by a Professional Engineer licensed in Louisiana. *Please Note:* New or additional equipment, processes or operating conditions not addressed in the original permit application will be addressed on a case-by-case basis. The Department reserves the right to address such changes in a separate permit action.

DEQ Response – ***DO NOT COMPLETE THIS SECTION.*** This section will be completed by Air Permits Division of DEQ, included in the proposed permit package and made available for public review during the public comment period.

- Additional rows may be added as necessary.
- Completed Form shall be emailed to the Permit writer in MS Word compatible format within the deadline specified in the email notification.

Permit Reference	Remarks	Air Permits Division Response (for official use only)
EQT0102	**Please entitle "Truck and Rail Uncontrolled Emissions" rather than "Loading Operations Emissions"**	**The change will be made.**
EQT0102, Requirement 18	**Please change requirement for keeping records of the total calculated VOC emissions from "each day" to "each month." The annual permitted emissions for this item are proposed as 2.75 tpy, which is equivalent to less than 0.01 tons per day. It is felt that daily recordkeeping of such a small quantity of emissions is excessively burdensome and not productive.**	**The change will be made.**
GRP0013, Requirement 42	**Please change requirement for keeping records of the total calculated VOC emissions from "each day" to "each month." The annual permitted emissions for this item are proposed as**	**The change will be made.**

LDEQ-EDMS Document 36824542, Page 160 of 419

Department of Environmental Quality
Air Quality Division
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(504) 765-0219

LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
5-05	806	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	134 ☐ ft ☐ ft²					4217362

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Maximum (lb/hr)	Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				141.00			add	
Naphthalene				0.56			add	
Xylene				5.51			add	
Biphenyl				0.10			add	
Toluene				1.59			add	
Cumene				0.83			add	
Ethylbenzne				1.55			add	
Benzene				0.53			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.61			add	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
4-05	804	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	104 ☐ ft ☐ ft²					2540376

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				141.00			add	
Naphthalene				0.56			add	
Xylene				5.51			add	
Biphenyl				0.10			add	
Toluene				1.59			add	
Cumene				0.83			add	
Ethylbenzne				1.55			add	
Benzene				0.53			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.61			add	

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
3-05	803	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	104 ☐ ft ☐ ft²					2540376

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				141.00			add	
Naphthalene				0.56			add	
Xylene				5.51			add	
Biphenyl				0.10			add	
Toluene				1.59			add	
Cumene				0.83			add	
Ethylbenzne				1.55			add	
Benzene				0.53			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.61			add	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
2-05	802	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	104 ☐ ft ☐ ft²					2540376

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				141.00			add	
Naphthalene				0.56			add	
Xylene				5.51			add	
Biphenyl				0.10			add	
Toluene				1.59			add	
Cumene				0.83			add	
Ethylbenzne				1.55			add	
Benzene				0.53			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.61			add	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE Emission Inventory Questionnaire (EIQ) for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
1-05	801	UTM zone no. ☐ 15 ☐ 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	40	104 ☐ ft ☐ ft²					2540376

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a				25%	25%	25%	25%	24	7	52	
	b											
	c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				141.00			add	
Naphthalene				0.56			add	
Xylene				5.51			add	
Biphenyl				0.10			add	
Toluene				1.59			add	
Cumene				0.83			add	
Ethylbenzne				1.55			add	
Benzene				0.53			add	
Phenanthrene (PAH)				< 0.01			add	
Hydrogen Sulfide (TAP)				2.61			add	

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
2-86	**B-1**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	12	**12** ☐ ft ☐ ft²					**10146.**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

Department of Environmental Quality
Air Quality Division
P.O. Box 82135
Baton Rouge, LA 70884-2135
(504) 765-0219

LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
6-86	H8	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	16	18 ☐ ft ☐ ft²					30439

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				0.14			add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				< 0.01			add	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
7-86	**H7**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	16	**18** ☐ ft ☐ ft²					**30439**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE Emission Inventory Questionnaire (EIQ) for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	IMTT - Gretna Gretna, LA	Orig: Aug. 2006; Rev: Feb 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
10-82	H2	UTM zone no. ☐ 15 ☐ 16 — Horizontal coordinate 782.9 mE; Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	10 ☐ ft ☐ ft²					12331

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
a				25%	25%	25%	25%	24	7	52	
b											
c											

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				0.14			add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				< 0.01			add	

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any	Date of submittal
International Matex Tank Terminals	**IMTT - Gretna** **Gretna, LA**	**Orig: Aug. 2006;** **Rev: Feb 2008**

Source ID Numbe	Descriptive name of the equipment served by this stack or ven	Approximate location of stack or vent (see instructions on how to determine location of area sources)
9-82	**H1**	UTM zone no. ☐ 15 Horizontal coordinate 782.9 mE ☐ 16 Vertical coordinate 3312.1 mN

Stack and Discharge Physical Characteristic (Change __ yes __ no)	Height of stack above grade	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating rate (Max), or tank capacity (Gal)
	21	**10** ☐ ft ☐ ft²					**12331**

Fuel	Type of fuel used and heat input (see instructions)		Operating Characteristic	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal operating rate
		Type of fuel	Heat input (MM BTU/hr)	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/ day	days/ week	weeks/ yr	
	a			**25%**	**25%**	**25%**	**25%**	**24**	**7**	**52**	
	b										
	c										

Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate Average (lb/hr)	Emission Rate Maximum (lb/hr)	Emission Rate Annual (tons/yr)	Emission estimation method	Add, change or delete code	Concentration in gases exiting at stack
VOCs (incl. those listed below)				**0.14**			**add**	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
							add	
Hydrogen Sulfide (TAP)				**< 0.01**			**add**	

Pt. Source No.	Tank ID No.	Tank Service	UTM Coordinate mE	UTM Coordinate mN	Constr. Start or Last Modifiction Date	Annual Operating Hours	Tank Orientation VERT=1 HORIZ=2	Shell Diam "D", (ft)	Shell Height "H_S", (ft)	Shell Length "L", (ft)	Equiv Horiz Diam "D_Z", (ft)	Is Tank Constant Level? (YES/NO)	Liquid Height "H_L", (ft)	Roof Type FLAT CONE or DOME?	Cone Roof Slope "S_R", (ft/ft)	Dome Radius "R_R", (ft)
40-83	60	Cutter				8760	1	55	30	-	-	NO	15	CONE	0.0625	
40-83	60	Vegetable Oil				8760	1	55	30	-	-	NO	15	CONE	0.0625	
39-83	61	Diesel w/HAPs				8760	1	55	30	-	-	NO	15	CONE	0.0625	
39-83	61	Vegetable Oil				8760	1	55	30	-	-	NO	15	CONE	0.0625	
38-83	62	Diesel w/HAPs				8760	1	55	30	-	-	NO	15	CONE	0.0625	
38-83	62	Vegetable Oil				8760	1	55	30	-	-	NO	15	CONE	0.0625	
37-83	63	Diesel w/HAPs				8760	1	55	29	-	-	NO	14.5	CONE	0.0625	
37-83	63	Vegetable Oil				8760	1	55	29	-	-	NO	14.5	CONE	0.0625	
34-83	64	Diesel w/HAPs				8760	1	55	29	-	-	NO	14.5	CONE	0.0625	
34-83	64	Vegetable Oil				8760	1	55	29	-	-	NO	14.5	CONE	0.0625	
33-83	65	Diesel w/HAPs				8760	1	55	29	-	-	NO	14.5	CONE	0.0625	
33-83	65	Vegetable Oil				8760	1	55	29	-	-	NO	14.5	CONE	0.0625	
32-83	66	Diesel w/HAPs				8760	1	55	30	-	-	NO	15	CONE	0.0625	
32-83	66	Vegetable Oil				8760	1	55	30	-	-	NO	15	CONE	0.0625	
31-83	67	Diesel w/HAPs				8760	1	55	30	-	-	NO	15	CONE	0.0625	
31-83	67	Vegetable Oil				8760	1	55	30	-	-	NO	15	CONE	0.0625	
63-83	71	heavy fuel oil				8760	1	38	32	-	-	NO	16	CONE	0.0625	
63-83	71	Vegetable Oil				8760	1	38	32	-	-	NO	16	CONE	0.0625	
64-83	72	heavy fuel oil				8760	1	38	32	-	-	NO	16	CONE	0.0625	
64-83	72	Vegetable Oil				8760	1	38	32	-	-	NO	16	CONE	0.0625	
65-83	73	heavy fuel oil				8760	1	38	32	-	-	NO	16	CONE	0.0625	
65-83	73	Vegetable Oil				8760	1	38	32	-	-	NO	16	CONE	0.0625	
66-83	74	heavy fuel oil				8760	1	48	42	-	-	NO	21	CONE	0.0625	
66-83	74	Vegetable Oil				8760	1	48	42	-	-	NO	21	CONE	0.0625	
67-83	75	heavy fuel oil				8760	1	48	42	-	-	NO	21	CONE	0.0625	
67-83	75	Vegetable Oil				8760	1	48	42	-	-	NO	21	CONE	0.0625	
68-83	76	heavy fuel oil				8760	1	48	42	-	-	NO	21	CONE	0.0625	
68-83	76	Vegetable Oil				8760	1	48	42	-	-	NO	21	CONE	0.0625	
69-83	77	Diesel w/HAPs				8760	1	48	42	-	-	NO	21	CONE	0.0625	
69-83	77	Vegetable Oil				8760	1	48	42	-	-	NO	21	CONE	0.0625	
82-83	78	Diesel w/HAPs				8760	1	45	24	-	-	NO	12	CONE	0.0625	
82-83	78	Vegetable Oil				8760	1	45	24	-	-	NO	12	CONE	0.0625	
81-83	79	Diesel w/HAPs				8760	1	45	24	-	-	NO	12	CONE	0.0625	
81-83	79	Vegetable Oil				8760	1	45	24	-	-	NO	12	CONE	0.0625	
75-83	80	Diesel w/HAPs				8760	1	45	24	-	-	NO	12	CONE	0.0625	
75-83	80	Vegetable Oil				8760	1	45	24	-	-	NO	12	CONE	0.0625	
74-83	81	Diesel w/HAPs				8760	1	45	24	-	-	NO	12	CONE	0.0625	
74-83	81	Vegetable Oil				8760	1	45	24	-	-	NO	12	CONE	0.0625	
1-82	106	heavy fuel oil				8760	1	100	40	-	-	NO	20	CONE	0.0625	
1-82	106	Vegetable Oil				8760	1	100	40	-	-	NO	20	CONE	0.0625	
2-82	107	heavy fuel oil				8760	1	100	40	-	-	NO	20	CONE	0.0625	
2-82	107	Vegetable Oil				8760	1	100	40	-	-	NO	20	CONE	0.0625	
2-78	109	heavy fuel oil				8760	1	27	30	-	-	NO	15	CONE	0.0625	
2-78	109	Vegetable Oil				8760	1	27	30	-	-	NO	15	CONE	0.0625	
5-78	112	Diesel w/HAPs				8760	1	50	30	-	-	NO	15	CONE	0.0625	
5-78	112	Vegetable Oil				8760	1	50	30	-	-	NO	15	CONE	0.0625	
6-78	113	Diesel w/HAPs				8760	1	50	30	-	-	NO	15	CONE	0.0625	
6-78	113	Vegetable Oil				8760	1	50	30	-	-	NO	15	CONE	0.0625	
7-78	114	Diesel w/HAPs				8760	1	35	28	-	-	NO	14	CONE	0.0625	
7-78	114	Vegetable Oil				8760	1	35	28	-	-	NO	14	CONE	0.0625	
8-78	115	Diesel w/HAPs				8760	1	35	28	-	-	NO	14	CONE	0.0625	

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Pt. Source No.	Tank ID No.	Vapor Space Outage "H_{VO}", (ft)	Maximum Annual Throughput Q, (gals)	Turnovers "N"	Maximum Fill Rate (gals/min)	Will Tank Have Breather Vents? (YES/NO)	Breather Vent Pressure Setting "P_{BP}", psig	Breather Vent Vacuum Setting "P_{BV}", psig	Tank Shell Color	Tank Roof Color	Tank Paint Cond GOOD/ POOR	Paint Factor "α"	Does Tank Vent to Control Device (If YES, type)	Control Device Efficiency (%)
40-83	60	15.57	3,198,814	6.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
40-83	60	15.57	7,997,035	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
39-83	61	15.57	1,599,407	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
39-83	61	15.57	7,997,035	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
38-83	62	15.57	1,599,407	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
38-83	62	15.57	7,997,035	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
37-83	63	15.07	1,546,093	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
37-83	63	15.07	7,730,467	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
34-83	64	15.07	1,546,093	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
34-83	64	15.07	7,730,467	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
33-83	65	15.07	1,546,093	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
33-83	65	15.07	7,730,467	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
32-83	66	15.57	1,599,407	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
32-83	66	15.57	7,997,035	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
31-83	67	15.57	1,599,407	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
31-83	67	15.57	7,997,035	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
63-83	71	16.40	3,257,538	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
63-83	71	16.40	4,071,923	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
64-83	72	16.40	3,257,538	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
64-83	72	16.40	4,071,923	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
65-83	73	16.40	3,257,538	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
65-83	73	16.40	4,071,923	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
66-83	74	21.50	6,821,881	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
66-83	74	21.50	8,527,351	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
67-83	75	21.50	6,821,881	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
67-83	75	21.50	8,527,351	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
68-83	76	21.50	6,821,881	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
68-83	76	21.50	8,527,351	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
69-83	77	21.50	1,705,470	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
69-83	77	21.50	8,527,351	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
82-83	78	12.47	856,542	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
82-83	78	12.47	4,282,710	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
81-83	79	12.47	856,542	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
81-83	79	12.47	4,282,710	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
75-83	80	12.47	856,542	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
75-83	80	12.47	4,282,710	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
74-83	81	12.47	856,542	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
74-83	81	12.47	4,282,710	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
1-82	106	21.04	28,198,912	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
1-82	106	21.04	35,248,640	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
2-82	107	21.04	28,198,912	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
2-82	107	21.04	35,248,640	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
2-78	109	15.28	1,541,776	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
2-78	109	15.28	1,927,219	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
5-78	112	15.52	1,321,824	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
5-78	112	15.52	6,609,120	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
6-78	113	15.52	1,321,824	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
6-78	113	15.52	6,609,120	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
7-78	114	14.36	604,514	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
7-78	114	14.36	3,022,571	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
8-78	115	14.36	604,514	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0

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Pt. Source No.	Tank ID No.	Modelled Tank Contents			Antoine Cons				Tank Contents				Antoine Constants			Tank Contents	
		Compound 1	Wt. %	Mol. Wt.	Mole Fract.	A	B	C	Compound 2	Wt. %	Mol. Wt.	Mole Fract.	A	B	C	Compound 3	Wt. %
40-83	60	Cutter	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
40-83	60	Vegetable Oil	100	250	1												
39-83	61	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
39-83	61	Vegetable Oil	100	250	1												
38-83	62	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
38-83	62	Vegetable Oil	100	250	1												
37-83	63	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
37-83	63	Vegetable Oil	100	250	1												
34-83	64	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
34-83	64	Vegetable Oil	100	250	1												
33-83	65	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
33-83	65	Vegetable Oil	100	250	1												
32-83	66	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
32-83	66	Vegetable Oil	100	250	1												
31-83	67	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
31-83	67	Vegetable Oil	100	250	1												
63-83	71	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
63-83	71	Vegetable Oil	100	250	1												
64-83	72	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
64-83	72	Vegetable Oil	100	250	1												
65-83	73	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
65-83	73	Vegetable Oil	100	250	1												
66-83	74	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
66-83	74	Vegetable Oil	100	250	1												
67-83	75	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
67-83	75	Vegetable Oil	100	250	1												
68-83	76	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
68-83	76	Vegetable Oil	100	250	1												
69-83	77	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
69-83	77	Vegetable Oil	100	250	1												
82-83	78	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
82-83	78	Vegetable Oil	100	250	1												
81-83	79	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
81-83	79	Vegetable Oil	100	250	1												
75-83	80	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
75-83	80	Vegetable Oil	100	250	1												
74-83	81	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
74-83	81	Vegetable Oil	100	250	1												
1-82	106	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
1-82	106	Vegetable Oil	100	250	1												
2-82	107	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
2-82	107	Vegetable Oil	100	250	1												
2-78	109	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
2-78	109	Vegetable Oil	100	250	1												
5-78	112	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
5-78	112	Vegetable Oil	100	250	1												
6-78	113	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
6-78	113	Vegetable Oil	100	250	1												
7-78	114	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
7-78	114	Vegetable Oil	100	250	1												
8-78	115	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2

Pt. Source No.	Tank ID No.	Mol. Wt.	Mole Fract.	Antoine Constants A	B	C	Tank Contents Compound 4	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	B	C	Tank Contents Compound 5	Wt. %	Mol. Wt.	Mole Fract.	Ant A
40-83	60	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
40-83	60																	
39-83	61	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
39-83	61																	
38-83	62	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
38-83	62																	
37-83	63	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
37-83	63																	
34-83	64	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
34-83	64																	
33-83	65	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
33-83	65																	
32-83	66	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
32-83	66																	
31-83	67	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
31-83	67																	
63-83	71	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
63-83	71																	
64-83	72	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
64-83	72																	
65-83	73	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
65-83	73																	
66-83	74	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
66-83	74																	
67-83	75	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
67-83	75																	
68-83	76	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
68-83	76																	
69-83	77	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
69-83	77																	
82-83	78	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
82-83	78																	
81-83	79	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
81-83	79																	
75-83	80	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
75-83	80																	
74-83	81	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
74-83	81																	
1-82	106	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
1-82	106																	
2-82	107	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
2-82	107																	
2-78	109	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
2-78	109																	
5-78	112	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
5-78	112																	
6-78	113	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
6-78	113																	
7-78	114	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
7-78	114																	
8-78	115	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954

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Pt. Source No.	Tank ID No.	oine Constants		Tank Contents				Antoine Constants			Tank Contents				Antoine Constants			Tank Contents
		B	C	Compound 6	Wt. %	Mol. Wt.	Mole Fract.	A	B	C	Compound 7	Wt. %	Mol. Wt.	Mole Fract.	A	B	C	Compound 8
40-83	60	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
40-83	60																	
39-83	61	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
39-83	61																	
38-83	62	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
38-83	62																	
37-83	63	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
37-83	63																	
34-83	64	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
34-83	64																	
33-83	65	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
33-83	65																	
32-83	66	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
32-83	66																	
31-83	67	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
31-83	67																	
63-83	71	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
63-83	71																	
64-83	72	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
64-83	72																	
65-83	73	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
65-83	73																	
66-83	74	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
66-83	74																	
67-83	75	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
67-83	75																	
68-83	76	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
68-83	76																	
69-83	77	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
69-83	77																	
82-83	78	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
82-83	78																	
81-83	79	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
81-83	79																	
75-83	80	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
75-83	80																	
74-83	81	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
74-83	81																	
1-82	106	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
1-82	106																	
2-82	107	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
2-82	107																	
2-78	109	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
2-78	109																	
5-78	112	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
5-78	112																	
6-78	113	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
6-78	113																	
7-78	114	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
7-78	114																	
8-78	115	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene

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Pt. Source No.	Tank ID No.	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Tank Contents Compound 9	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Daily Avg. Liq. Surface Temp "T_{LA}" deg R	Daily Max. Liq. Surface Temp "T_{LX}", deg R	Daily Min. Liq. Surface Temp "T_{LN}", deg R
															Degrees R = Degrees F + 459.67		
40-83	60	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
40-83	60														536.3	545.8	526.8
39-83	61	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
39-83	61														536.3	545.8	526.8
38-83	62	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
38-83	62														536.3	545.8	526.8
37-83	63	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
37-83	63														536.3	545.8	526.8
34-83	64	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
34-83	64														536.3	545.8	526.8
33-83	65	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
33-83	65														536.3	545.8	526.8
32-83	66	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
32-83	66														536.3	545.8	526.8
31-83	67	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
31-83	67														536.3	545.8	526.8
63-83	71	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
63-83	71														590.0	600.0	580.0
64-83	72	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
64-83	72														590.0	600.0	580.0
65-83	73	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
65-83	73														590.0	600.0	580.0
66-83	74	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
66-83	74														590.0	600.0	580.0
67-83	75	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
67-83	75														590.0	600.0	580.0
68-83	76	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
68-83	76														590.0	600.0	580.0
69-83	77	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
69-83	77														536.3	545.8	526.8
82-83	78	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
82-83	78														536.3	545.8	526.8
81-83	79	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
81-83	79														536.3	545.8	526.8
75-83	80	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
75-83	80														536.3	545.8	526.8
74-83	81	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
74-83	81														536.3	545.8	526.8
1-82	108	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
1-82	108														590.0	600.0	580.0
2-82	107	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
2-82	107														590.0	600.0	580.0
2-78	109	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
2-78	109														590.0	600.0	580.0
5-78	112	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
5-78	112														536.3	545.8	526.8
6-78	113	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
6-78	113														536.3	545.8	526.8
7-78	114	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
7-78	114														536.3	545.8	526.8
8-78	115	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8

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Pt. Source No.	Tank ID No.	P.Press of Comp 1 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 2 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 4 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Avg. Liq. Surface Temp psia	Vap. Press. Daily Avg. Liq. Surface Temp "P_{VA}" psia	Mol. Wt. Of Vapor @ Daily Avg. Liq. Surface Temp "M_V"	P.Press of Comp 1 @ Daily Max. Liq. Surface Temp psia
40-83	60	0.0201	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.021	129	0.3805
40-83	60	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
39-83	61	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
39-83	61	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
38-83	62	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
38-83	62	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
37-83	63	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
37-83	63	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
34-83	64	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
34-83	64	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
33-83	65	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
33-83	65	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
32-83	66	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
32-83	66	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
31-83	67	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
31-83	67	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
63-83	71	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
63-83	71	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
64-83	72	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
64-83	72	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
65-83	73	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
65-83	73	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
66-83	74	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
66-83	74	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
67-83	75	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
67-83	75	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
68-83	76	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
68-83	76	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
69-83	77	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
69-83	77	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
82-83	78	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
82-83	78	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
81-83	79	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
81-83	79	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
75-83	80	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
75-83	80	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
74-83	81	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
74-83	81	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
1-82	106	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
1-82	106	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
2-82	107	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
2-82	107	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
2-78	109	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
2-78	109	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
5-78	112	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
5-78	112	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
6-78	113	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
6-78	113	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
7-78	114	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
7-78	114	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
8-78	115	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135

Pt. Source No.	Tank ID No.	P.Press of Comp 2 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 4 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Max. Liq. Surface Temp psia	Vap. Press. Daily Max. Liq. Surface Temp "P_X", psia	P.Press of Comp 1 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 2 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Min. Liq. Surface Temp psia
40-83	60	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.382	0.2947	1.10337E-05	0.000280672
40-83	60	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
39-83	61	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
39-83	61	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
38-83	62	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
38-83	62	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
37-83	63	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
37-83	63	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
34-83	64	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
34-83	64	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
33-83	65	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
33-83	65	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
32-83	66	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
32-83	66	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
31-83	67	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
31-83	67	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
63-83	71	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
63-83	71	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
64-83	72	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
64-83	72	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
65-83	73	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
65-83	73	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
66-83	74	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
66-83	74	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
67-83	75	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
67-83	75	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
68-83	76	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
68-83	76	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
69-83	77	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
69-83	77	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
82-83	78	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
82-83	78	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
81-83	79	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
81-83	79	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
75-83	80	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
75-83	80	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
74-83	81	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
74-83	81	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
1-82	106	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
1-82	106	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
2-82	107	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
2-82	107	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
2-78	109	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
2-78	109	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
5-78	112	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
5-78	112	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
6-78	113	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
6-78	113	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
7-78	114	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
7-78	114	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
8-78	115	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672

Pt. Source No.	Tank ID No.	P.Press of Comp 4 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Min. Liq. Surface Temp psia	Vap. Press Daily Min. Liq. Surface Temp "P_{LN}", psia	Vap. Press. Range "DP_V", psia	Vapor Space Volume "V_V", (ft^3)	Vapor Density "W_V", (lb/ft^3)	Vapor Space Expansion Factor "K_E"	Vented Vapor Saturation Factor "K_S"
40-83	60	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.295	0.086	36998.56	0.000	0.077	0.983
40-83	60	0	0	0	0	0	0	0.001	0.001	36998.56	0.000	0.071	0.999
39-83	61	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	36998.56	0.000	0.071	0.991
39-83	61	0	0	0	0	0	0	0.001	0.001	36998.56	0.000	0.071	0.999
38-83	62	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	36998.56	0.000	0.071	0.991
38-83	62	0	0	0	0	0	0	0.001	0.001	36998.56	0.000	0.071	0.999
37-83	63	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	35810.65	0.000	0.071	0.991
37-83	63	0	0	0	0	0	0	0.001	0.001	35810.65	0.000	0.071	0.999
34-83	64	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	35810.65	0.000	0.071	0.991
34-83	64	0	0	0	0	0	0	0.001	0.001	35810.65	0.000	0.071	0.999
33-83	65	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	35810.65	0.000	0.071	0.991
33-83	65	0	0	0	0	0	0	0.001	0.001	35810.65	0.000	0.071	0.999
32-83	66	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	36998.56	0.000	0.071	0.991
32-83	66	0	0	0	0	0	0	0.001	0.001	36998.56	0.000	0.071	0.999
31-83	67	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	36998.56	0.000	0.071	0.991
31-83	67	0	0	0	0	0	0	0.001	0.001	36998.56	0.000	0.071	0.999
63-83	71	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	18594.74	0.001	0.065	0.983
63-83	71	0	0	0	0	0	0	0.005	0.004	18594.74	0.000	0.065	0.994
64-83	72	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	18594.74	0.001	0.065	0.983
64-83	72	0	0	0	0	0	0	0.005	0.004	18594.74	0.000	0.065	0.994
65-83	73	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	18594.74	0.001	0.065	0.983
65-83	73	0	0	0	0	0	0	0.005	0.004	18594.74	0.000	0.065	0.994
66-83	74	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	38905.45	0.001	0.065	0.978
66-83	74	0	0	0	0	0	0	0.005	0.004	38905.45	0.000	0.065	0.993
67-83	75	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	38905.45	0.001	0.065	0.978
67-83	75	0	0	0	0	0	0	0.005	0.004	38905.45	0.000	0.065	0.993
68-83	76	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	38905.45	0.001	0.065	0.978
68-83	76	0	0	0	0	0	0	0.005	0.004	38905.45	0.000	0.065	0.993
69-83	77	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	38905.45	0.000	0.071	0.988
69-83	77	0	0	0	0	0	0	0.001	0.001	38905.45	0.000	0.071	0.999
82-83	78	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	19830.67	0.000	0.071	0.993
82-83	78	0	0	0	0	0	0	0.001	0.001	19830.67	0.000	0.071	0.999
81-83	79	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	19830.67	0.000	0.071	0.993
81-83	79	0	0	0	0	0	0	0.001	0.001	19830.67	0.000	0.071	0.999
75-83	80	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	19830.67	0.000	0.071	0.993
75-83	80	0	0	0	0	0	0	0.001	0.001	19830.67	0.000	0.071	0.999
74-83	81	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	19830.67	0.000	0.071	0.993
74-83	81	0	0	0	0	0	0	0.001	0.001	19830.67	0.000	0.071	0.999
1-82	106	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	165260.72	0.001	0.065	0.978
1-82	106	0	0	0	0	0	0	0.005	0.004	165260.72	0.000	0.065	0.993
2-82	107	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	165260.72	0.001	0.065	0.978
2-82	107	0	0	0	0	0	0	0.005	0.004	165260.72	0.000	0.065	0.993
2-78	109	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	8749.35	0.001	0.065	0.984
2-78	109	0	0	0	0	0	0	0.005	0.004	8749.35	0.000	0.065	0.995
5-78	112	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	30475.06	0.000	0.071	0.991
5-78	112	0	0	0	0	0	0	0.001	0.001	30475.06	0.000	0.071	0.999
6-78	113	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	30475.06	0.000	0.071	0.991
6-78	113	0	0	0	0	0	0	0.001	0.001	30475.06	0.000	0.071	0.999
7-78	114	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	13820.34	0.000	0.071	0.992
7-78	114	0	0.	0	0	0	0	0.001	0.001	13820.34	0.000	0.071	0.999
8-78	115	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	13820.34	0.000	0.071	0.992

Pt. Source No.	Tank ID No.	Standing Storage Loss extra "L_S", (lbs/yr)	Vapor Molecular Weight "M_V", (lb/lb-mole)	Vap. Press. Daily Avg. Liq. Surface Temp. "P_{VA}", (psia)	Maximum Annual Throughput "Q", (bbls.)	Turnover Factor "K_N"	Working Loss Product Factor "K_P"	Working Loss "L_W", (lbs/yr)		Avg Hourly Rate (lbs/hr)	Max Hourly Rate (lbs/hr)	Total Loss (lbs/yr)	Total Loss (tns/yr)
40-83	60	475.9	130	0.021	76,162	1	1	206.5		0.078	744.062	682	0.341
40-83	60	53.3	250	0.001	190,406	1	1	61.1		0.013	6.570	114	0.057
39-83	61	231.5	130	0.011	38,081	1	1	54.0		0.033	28.408	286	0.143
39-83	61	53.3	250	0.001	190,406	1	1	61.1		0.013	6.570	114	0.057
38-83	62	231.5	130	0.011	38,081	1	1	54.0		0.033	28.408	286	0.143
38-83	62	53.3	250	0.001	190,406	1	1	61.1		0.013	6.570	114	0.057
37-83	63	224.1	130	0.011	36,812	1	1	52.2		0.032	28.408	276	0.138
37-83	63	51.6	250	0.001	184,059	1	1	59.0		0.013	6.569	111	0.055
34-83	64	224.1	130	0.011	36,812	1	1	52.2		0.032	28.408	276	0.138
34-83	64	51.6	250	0.001	184,059	1	1	59.0		0.013	6.569	111	0.055
33-83	65	224.1	130	0.011	36,812	1	1	52.2		0.032	28.408	276	0.138
33-83	65	51.6	250	0.001	184,059	1	1	59.0		0.013	6.569	111	0.055
32-83	66	231.5	130	0.011	38,081	1	1	54.0		0.033	28.408	286	0.143
32-83	66	53.3	250	0.001	190,406	1	1	61.1		0.013	6.570	114	0.057
31-83	67	231.5	130	0.011	38,081	1	1	54.0		0.033	28.408	286	0.143
31-83	67	53.3	250	0.001	190,406	1	1	61.1		0.013	6.570	114	0.057
63-83	71	52.5	230	0.020	77,560	1	1	358.9		0.047	87.496	411	0.206
63-83	71	22.4	250	0.007	96,951	1	1	157.9		0.021	32.019	180	0.090
64-83	72	52.5	230	0.020	77,560	1	1	358.9		0.047	87.496	411	0.206
64-83	72	22.4	250	0.007	96,951	1	1	157.9		0.021	32.019	180	0.090
65-83	73	52.5	230	0.020	77,560	1	1	358.9		0.047	87.496	411	0.206
65-83	73	22.4	250	0.007	96,951	1	1	157.9		0.021	32.019	180	0.090
66-83	74	109.2	230	0.020	162,426	1	1	751.6		0.098	87.502	861	0.430
66-83	74	46.9	250	0.007	203,032	1	1	330.6		0.043	32.022	377	0.189
67-83	75	109.2	230	0.020	162,426	1	1	751.6		0.098	87.502	861	0.430
67-83	75	46.9	250	0.007	203,032	1	1	330.6		0.043	32.022	377	0.189
68-83	76	109.2	230	0.020	162,426	1	1	751.6		0.098	87.502	861	0.430
68-83	76	46.9	250	0.007	203,032	1	1	330.6		0.043	32.022	377	0.189
69-83	77	242.6	130	0.011	40,606	1	1	57.6		0.034	28.410	300	0.150
69-83	77	56.0	250	0.001	203,032	1	1	65.1		0.014	6.570	121	0.061
82-83	78	124.3	130	0.011	20,394	1	1	28.9		0.017	28.396	153	0.077
82-83	78	28.6	250	0.001	101,969	1	1	32.7		0.007	6.567	61	0.031
81-83	79	124.3	130	0.011	20,394	1	1	28.9		0.017	28.396	153	0.077
81-83	79	28.6	250	0.001	101,969	1	1	32.7		0.007	6.567	61	0.031
75-83	80	124.3	130	0.011	20,394	1	1	28.9		0.017	28.396	153	0.077
75-83	80	28.6	250	0.001	101,969	1	1	32.7		0.007	6.567	61	0.031
74-83	81	124.3	130	0.011	20,394	1	1	28.9		0.017	28.396	153	0.077
74-83	81	28.6	250	0.001	101,969	1	1	32.7		0.007	6.567	61	0.031
1-82	106	464.1	230	0.020	671,403	1	1	3107.0		0.408	87.543	3571	1.786
1-82	106	199.1	250	0.007	839,253	1	1	1366.5		0.179	32.039	1566	0.783
2-82	107	464.1	230	0.020	671,403	1	1	3107.0		0.408	87.543	3571	1.786
2-82	107	199.1	250	0.007	839,253	1	1	1366.5		0.179	32.039	1566	0.783
2-78	109	24.7	230	0.020	36,709	1	1	169.9		0.022	87.493	195	0.097
2-78	109	10.6	250	0.007	45,886	1	1	74.7		0.010	32.018	85	0.043
5-78	112	190.7	130	0.011	31,472	1	1	44.7		0.027	28.404	235	0.118
5-78	112	43.9	250	0.001	157,360	1	1	50.5		0.011	6.568	94	0.047
6-78	113	190.7	130	0.011	31,472	1	1	44.7		0.027	28.404	235	0.118
6-78	113	43.9	250	0.001	157,360	1	1	50.5		0.011	6.568	94	0.047
7-78	114	86.5	130	0.011	14,393	1	1	20.4		0.012	28.392	107	0.053
7-78	114	19.9	250	0.001	71,966	1	1	23.1		0.005	6.566	43	0.021
8-78	115	86.5	130	0.011	14,393	1	1	20.4		0.012	28.392	107	0.053

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Pt. Source No.	Tank ID No.	Total Loss Comp 1 (lbs/yr)	Total Loss Comp2 (lbs/yr)	Total Loss Comp 3 (lbs/yr)	Total Loss Comp 4 (lbs/yr)	Total Loss Comp 5 (lbs/yr)	Total Loss Comp 6 (lbs/yr)	Total Loss Comp 7 (lbs/yr)	Total Loss Comp 8 (lbs/yr)	Total Loss Comp 9 (lbs/yr)	Compound 1	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 2
40-83	60	662.099	0.563	10.368	0.092	3.556	1.427	2.970	1.371	0.000	Cutter	0.076	721.878	0.3310	Naphthalene
40-83	60	114.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.013	6.570	0.0572	
39-83	61	269.115	0.453	8.352	0.074	2.864	1.150	2.392	1.104	0.000	Diesel w/HAPs	0.031	26.778	0.1346	Naphthalene
39-83	61	114.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.013	6.570	0.0572	
38-83	62	269.115	0.453	8.352	0.074	2.864	1.150	2.392	1.104	0.000	Diesel w/HAPs	0.031	26.778	0.1346	Naphthalene
38-83	62	114.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.013	6.570	0.0572	
37-83	63	260.472	0.439	8.084	0.072	2.772	1.113	2.316	1.069	0.000	Diesel w/HAPs	0.030	26.777	0.1302	Naphthalene
37-83	63	110.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.013	6.569	0.0553	
34-83	64	260.472	0.439	8.084	0.072	2.772	1.113	2.316	1.069	0.000	Diesel w/HAPs	0.030	26.777	0.1302	Naphthalene
34-83	64	110.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.013	6.569	0.0553	
33-83	65	260.472	0.439	8.084	0.072	2.772	1.113	2.316	1.069	0.000	Diesel w/HAPs	0.030	26.777	0.1302	Naphthalene
33-83	65	110.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.013	6.569	0.0553	
32-83	66	269.115	0.453	8.352	0.074	2.864	1.150	2.392	1.104	0.000	Diesel w/HAPs	0.031	26.778	0.1346	Naphthalene
32-83	66	114.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.013	6.570	0.0572	
31-83	67	269.115	0.453	8.352	0.074	2.864	1.150	2.392	1.104	0.000	Diesel w/HAPs	0.031	26.778	0.1346	Naphthalene
31-83	67	114.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.013	6.570	0.0572	
63-83	71	341.122	3.657	36.277	0.710	10.468	5.475	10.212	3.475	0.001	heavy fuel oil	0.039	72.550	0.1706	Naphthalene
63-83	71	180.291	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.021	32.019	0.0901	
64-83	72	341.122	3.657	36.277	0.710	10.468	5.475	10.212	3.475	0.001	heavy fuel oil	0.039	72.550	0.1706	Naphthalene
64-83	72	180.291	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.021	32.019	0.0901	
65-83	73	341.122	3.657	36.277	0.710	10.468	5.475	10.212	3.475	0.001	heavy fuel oil	0.039	72.550	0.1706	Naphthalene
65-83	73	180.291	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.021	32.019	0.0901	
66-83	74	713.804	7.652	75.910	1.486	21.904	11.457	21.369	7.271	0.002	heavy fuel oil	0.081	72.555	0.3569	Naphthalene
66-83	74	377.438	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.043	32.022	0.1887	
67-83	75	713.804	7.652	75.910	1.486	21.904	11.457	21.369	7.271	0.002	heavy fuel oil	0.081	72.555	0.3569	Naphthalene
67-83	75	377.438	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.043	32.022	0.1887	
68-83	76	713.804	7.652	75.910	1.486	21.904	11.457	21.369	7.271	0.002	heavy fuel oil	0.081	72.555	0.3569	Naphthalene
68-83	76	377.438	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.043	32.022	0.1887	
69-83	77	282.960	0.477	8.782	0.078	3.012	1.209	2.516	1.161	0.000	Diesel w/HAPs	0.032	26.779	0.1415	Naphthalene
69-83	77	121.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.014	6.570	0.0605	
82-83	78	144.427	0.243	4.482	0.040	1.537	0.617	1.284	0.593	0.000	Diesel w/HAPs	0.016	26.766	0.0722	Naphthalene
82-83	78	61.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.007	6.567	0.0306	
81-83	79	144.427	0.243	4.482	0.040	1.537	0.617	1.284	0.593	0.000	Diesel w/HAPs	0.016	26.766	0.0722	Naphthalene
81-83	79	61.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.007	6.567	0.0306	
75-83	80	144.427	0.243	4.482	0.040	1.537	0.617	1.284	0.593	0.000	Diesel w/HAPs	0.016	26.766	0.0722	Naphthalene
75-83	80	61.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.007	6.567	0.0306	
74-83	81	144.427	0.243	4.482	0.040	1.537	0.617	1.284	0.593	0.000	Diesel w/HAPs	0.016	26.766	0.0722	Naphthalene
74-83	81	61.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.007	6.567	0.0306	
1-82	106	2961.099	31.743	314.900	6.164	90.864	47.527	88.646	30.163	0.009	heavy fuel oil	0.338	72.589	1.4805	Naphthalene
1-82	106	1565.557	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.179	32.039	0.7828	
2-82	107	2961.099	31.743	314.900	6.164	90.864	47.527	88.646	30.163	0.009	heavy fuel oil	0.338	72.589	1.4805	Naphthalene
2-82	107	1565.557	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.179	32.039	0.7828	
2-78	109	161.355	1.730	17.159	0.336	4.951	2.590	4.830	1.644	0.000	heavy fuel oil	0.018	72.547	0.0807	Naphthalene
2-78	109	85.273	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.010	32.018	0.0426	
5-78	112	221.811	0.374	6.884	0.061	2.361	0.948	1.972	0.910	0.000	Diesel w/HAPs	0.025	26.773	0.1109	Naphthalene
5-78	112	94.337	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.011	6.568	0.0472	
6-78	113	221.811	0.374	6.884	0.061	2.361	0.948	1.972	0.910	0.000	Diesel w/HAPs	0.025	26.773	0.1109	Naphthalene
6-78	113	94.337	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.011	6.568	0.0472	
7-78	114	100.806	0.170	3.129	0.028	1.073	0.431	0.896	0.414	0.000	Diesel w/HAPs	0.012	26.762	0.0504	Naphthalene
7-78	114	42.977	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.005	6.566	0.0215	
8-78	115	100.806	0.170	3.129	0.028	1.073	0.431	0.896	0.414	0.000	Diesel w/HAPs	0.012	26.762	0.0504	Naphthalene

Pt. Source No.	Tank ID No.	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 3	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 4	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 5	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)
40-83	60	0.000	0.614	0.0003	Xylene	0.001	11.304	0.0052	Biphenyl	0.000	0.100	0.0000	Toluene	0.000	3.877
40-83	60	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
39-83	61	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0042	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
39-83	61	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
38-83	62	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0042	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
38-83	62	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
37-83	63	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0040	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
37-83	63	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
34-83	64	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0040	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
34-83	64	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
33-83	65	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0040	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
33-83	65	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
32-83	66	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0042	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
32-83	66	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
31-83	67	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0042	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
31-83	67	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
63-83	71	0.000	0.778	0.0018	Xylene	0.004	7.715	0.0181	Biphenyl	0.000	0.151	0.0004	Toluene	0.001	2.226
63-83	71	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
64-83	72	0.000	0.778	0.0018	Xylene	0.004	7.715	0.0181	Biphenyl	0.000	0.151	0.0004	Toluene	0.001	2.226
64-83	72	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
65-83	73	0.000	0.778	0.0018	Xylene	0.004	7.715	0.0181	Biphenyl	0.000	0.151	0.0004	Toluene	0.001	2.226
65-83	73	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
66-83	74	0.001	0.778	0.0038	Xylene	0.009	7.716	0.0380	Biphenyl	0.000	0.151	0.0007	Toluene	0.003	2.226
66-83	74	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
67-83	75	0.001	0.778	0.0038	Xylene	0.009	7.716	0.0380	Biphenyl	0.000	0.151	0.0007	Toluene	0.003	2.226
67-83	75	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
68-83	76	0.001	0.778	0.0038	Xylene	0.009	7.716	0.0380	Biphenyl	0.000	0.151	0.0007	Toluene	0.003	2.226
68-83	76	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
69-83	77	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0044	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
69-83	77	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
82-83	78	0.000	0.045	0.0001	Xylene	0.001	0.831	0.0022	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
82-83	78	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
81-83	79	0.000	0.045	0.0001	Xylene	0.001	0.831	0.0022	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
81-83	79	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
75-83	80	0.000	0.045	0.0001	Xylene	0.001	0.831	0.0022	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
75-83	80	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
74-83	81	0.000	0.045	0.0001	Xylene	0.001	0.831	0.0022	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
74-83	81	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
1-82	106	0.004	0.778	0.0159	Xylene	0.036	7.720	0.1574	Biphenyl	0.001	0.151	0.0031	Toluene	0.010	2.227
1-82	106	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
2-82	107	0.004	0.778	0.0159	Xylene	0.036	7.720	0.1574	Biphenyl	0.001	0.151	0.0031	Toluene	0.010	2.227
2-82	107	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
2-78	109	0.000	0.778	0.0009	Xylene	0.002	7.715	0.0085	Biphenyl	0.000	0.151	0.0002	Toluene	0.001	2.226
2-78	109	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
5-78	112	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0034	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
5-78	112	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
6-78	113	0.000	0.045	0.0002	Xylene	0.001	0.831	0.0034	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
6-78	113	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
7-78	114	0.000	0.045	0.0001	Xylene	0.000	0.831	0.0016	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
7-78	114	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
8-78	115	0.000	0.045	0.0001	Xylene	0.000	0.831	0.0016	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285

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Pt. Source No.	Tank ID No.	Annual Emissions (tons/yr)	Compound 6	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 7	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 8	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)
40-83	60	0.0018	Cumene	0.000	1.556	0.0007	Ethylbenzne	0.000	3.238	0.0015	Benzene	0.000	1.495	0.0007
40-83	60	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
39-83	61	0.0014	Cumene	0.000	0.114	0.0006	Ethylbenzne	0.000	0.238	0.0012	Benzene	0.000	0.110	0.0006
39-83	61	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
38-83	62	0.0014	Cumene	0.000	0.114	0.0006	Ethylbenzne	0.000	0.238	0.0012	Benzene	0.000	0.110	0.0006
38-83	62	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
37-83	63	0.0014	Cumene	0.000	0.114	0.0006	Ethylbenzne	0.000	0.238	0.0012	Benzene	0.000	0.110	0.0005
37-83	63	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
34-83	64	0.0014	Cumene	0.000	0.114	0.0006	Ethylbenzne	0.000	0.238	0.0012	Benzene	0.000	0.110	0.0005
34-83	64	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
33-83	65	0.0014	Cumene	0.000	0.114	0.0006	Ethylbenzne	0.000	0.238	0.0012	Benzene	0.000	0.110	0.0005
33-83	65	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
32-83	66	0.0014	Cumene	0.000	0.114	0.0006	Ethylbenzne	0.000	0.238	0.0012	Benzene	0.000	0.110	0.0006
32-83	66	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
31-83	67	0.0014	Cumene	0.000	0.114	0.0006	Ethylbenzne	0.000	0.238	0.0012	Benzene	0.000	0.110	0.0006
31-83	67	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
63-83	71	0.0052	Cumene	0.001	1.164	0.0027	Ethylbenzne	0.001	2.172	0.0051	Benzene	0.000	0.739	0.0017
63-83	71	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
64-83	72	0.0052	Cumene	0.001	1.164	0.0027	Ethylbenzne	0.001	2.172	0.0051	Benzene	0.000	0.739	0.0017
64-83	72	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
65-83	73	0.0052	Cumene	0.001	1.164	0.0027	Ethylbenzne	0.001	2.172	0.0051	Benzene	0.000	0.739	0.0017
65-83	73	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
66-83	74	0.0110	Cumene	0.001	1.165	0.0057	Ethylbenzne	0.002	2.172	0.0107	Benzene	0.001	0.739	0.0036
66-83	74	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
67-83	75	0.0110	Cumene	0.001	1.165	0.0057	Ethylbenzne	0.002	2.172	0.0107	Benzene	0.001	0.739	0.0036
67-83	75	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
68-83	76	0.0110	Cumene	0.001	1.165	0.0057	Ethylbenzne	0.002	2.172	0.0107	Benzene	0.001	0.739	0.0036
68-83	76	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
69-83	77	0.0015	Cumene	0.000	0.114	0.0006	Ethylbenzne	0.000	0.238	0.0013	Benzene	0.000	0.110	0.0006
69-83	77	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
82-83	78	0.0008	Cumene	0.000	0.114	0.0003	Ethylbenzne	0.000	0.238	0.0006	Benzene	0.000	0.110	0.0003
82-83	78	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
81-83	79	0.0008	Cumene	0.000	0.114	0.0003	Ethylbenzne	0.000	0.238	0.0006	Benzene	0.000	0.110	0.0003
81-83	79	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
75-83	80	0.0008	Cumene	0.000	0.114	0.0003	Ethylbenzne	0.000	0.238	0.0006	Benzene	0.000	0.110	0.0003
75-83	80	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
74-83	81	0.0008	Cumene	0.000	0.114	0.0003	Ethylbenzne	0.000	0.238	0.0006	Benzene	0.000	0.110	0.0003
74-83	81	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
1-82	106	0.0454	Cumene	0.005	1.165	0.0238	Ethylbenzne	0.010	2.173	0.0443	Benzene	0.003	0.739	0.0151
1-82	106	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
2-82	107	0.0454	Cumene	0.005	1.165	0.0238	Ethylbenzne	0.010	2.173	0.0443	Benzene	0.003	0.739	0.0151
2-82	107	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
2-78	109	0.0025	Cumene	0.000	1.164	0.0013	Ethylbenzne	0.001	2.172	0.0024	Benzene	0.000	0.739	0.0008
2-78	109	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
5-78	112	0.0012	Cumene	0.000	0.114	0.0005	Ethylbenzne	0.000	0.238	0.0010	Benzene	0.000	0.110	0.0005
5-78	112	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
6-78	113	0.0012	Cumene	0.000	0.114	0.0005	Ethylbenzne	0.000	0.238	0.0010	Benzene	0.000	0.110	0.0005
6-78	113	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
7-78	114	0.0005	Cumene	0.000	0.114	0.0002	Ethylbenzne	0.000	0.238	0.0004	Benzene	0.000	0.110	0.0002
7-78	114	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
8-78	115	0.0005	Cumene	0.000	0.114	0.0002	Ethylbenzne	0.000	0.238	0.0004	Benzene	0.000	0.110	0.0002

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Pt. Source No.	Tank ID No.	Compound 9	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 10	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)
40-83	60	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.002	14.438	0.007
40-83	60		0.000	0.000	0.0000		0.000	0.000	0.000
39-83	61	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.003
39-83	61		0.000	0.000	0.0000		0.000	0.000	0.000
38-83	62	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.003
38-83	62		0.000	0.000	0.0000		0.000	0.000	0.000
37-83	63	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.003
37-83	63		0.000	0.000	0.0000		0.000	0.000	0.000
34-83	64	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.003
34-83	64		0.000	0.000	0.0000		0.000	0.000	0.000
33-83	65	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.003
33-83	65		0.000	0.000	0.0000		0.000	0.000	0.000
32-83	66	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.003
32-83	66		0.000	0.000	0.0000		0.000	0.000	0.000
31-83	67	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.003
31-83	67		0.000	0.000	0.0000		0.000	0.000	0.000
63-83	71	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	1.451	0.003
63-83	71		0.000	0.000	0.0000		0.000	0.000	0.000
64-83	72	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	1.451	0.003
64-83	72		0.000	0.000	0.0000		0.000	0.000	0.000
65-83	73	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	1.451	0.003
65-83	73		0.000	0.000	0.0000		0.000	0.000	0.000
66-83	74	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.002	1.451	0.007
66-83	74		0.000	0.000	0.0000		0.000	0.000	0.000
67-83	75	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.002	1.451	0.007
67-83	75		0.000	0.000	0.0000		0.000	0.000	0.000
68-83	76	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.002	1.451	0.007
68-83	76		0.000	0.000	0.0000		0.000	0.000	0.000
69-83	77	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.003
69-83	77		0.000	0.000	0.0000		0.000	0.000	0.000
82-83	78	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
82-83	78		0.000	0.000	0.0000		0.000	0.000	0.000
81-83	79	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
81-83	79		0.000	0.000	0.0000		0.000	0.000	0.000
75-83	80	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
75-83	80		0.000	0.000	0.0000		0.000	0.000	0.000
74-83	81	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
74-83	81		0.000	0.000	0.0000		0.000	0.000	0.000
1-82	106	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.007	1.452	0.030
1-82	106		0.000	0.000	0.0000		0.000	0.000	0.000
2-82	107	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.007	1.452	0.030
2-82	107		0.000	0.000	0.0000		0.000	0.000	0.000
2-78	109	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	1.451	0.002
2-78	109		0.000	0.000	0.0000		0.000	0.000	0.000
5-78	112	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.535	0.002
5-78	112		0.000	0.000	0.0000		0.000	0.000	0.000
6-78	113	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.535	0.002
6-78	113		0.000	0.000	0.0000		0.000	0.000	0.000
7-78	114	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
7-78	114		0.000	0.000	0.0000		0.000	0.000	0.000
8-78	115	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001

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Pt. Source No.	Tank ID No.	Tank Service	UTM coordinate		Constr. Start or Last Modifiction Date	Annual Operating Hours	Tank Orientation VERT=1 HORIZ=2	Shell Diam "D", (ft)	Shell Height "H_S", (ft)	Shell Length "L", (ft)	Equiv Horiz Diam "D_E", (ft)	Is Tank Constant Level? (YES/NO)	Liquid Height "H_L", (ft)	Roof Type FLAT CONE or DOME?	Cone Roof Slope "S_R", (ft/ft)	Dome Radius "R_R", (ft)
			mE	mN												
8-78	115	Vegetable Oil				8760	1	35	28	-	-	NO	14	CONE	0.0625	
9-78	116	Diesel w/HAPs				8760	1	27	29	-	-	NO	14.5	CONE	0.0625	
9-78	116	Vegetable Oil				8760	1	27	29	-	-	NO	14.5	CONE	0.0625	
10-78	117	Diesel w/HAPs				8760	1	35	30	-	-	NO	15	CONE	0.0625	
10-78	117	Vegetable Oil				8760	1	35	30	-	-	NO	15	CONE	0.0625	
11-78	118	Diesel w/HAPs				8760	1	35	30	-	-	NO	15	CONE	0.0625	
11-78	118	Vegetable Oil				8760	1	35	30	-	-	NO	15	CONE	0.0625	
12-78	119	Diesel w/HAPs				8760	1	35	30	-	-	NO	15	CONE	0.0625	
12-78	119	Vegetable Oil				8760	1	35	30	-	-	NO	15	CONE	0.0625	
13-78	120	Diesel w/HAPs				8760	1	27	29	-	-	NO	14.5	CONE	0.0625	
13-78	120	Vegetable Oil				8760	1	27	29	-	-	NO	14.5	CONE	0.0625	
14-78	121	Diesel w/HAPs				8760	1	22	25	-	-	NO	12.5	CONE	0.0625	
14-78	121	Vegetable Oil				8760	1	22	25	-	-	NO	12.5	CONE	0.0625	
15-78	122	Diesel w/HAPs				8760	1	77	29	-	-	NO	14.5	CONE	0.0625	
15-78	122	Vegetable Oil				8760	1	77	29	-	-	NO	14.5	CONE	0.0625	
16-78	123	Diesel w/HAPs				8760	1	77	30	-	-	NO	15	CONE	0.0625	
16-78	123	Vegetable Oil				8760	1	77	30	-	-	NO	15	CONE	0.0625	
17-78	124	heavy fuel oil				8760	1	114	30	-	-	NO	15	CONE	0.0625	
17-78	124	Vegetable Oil				8760	1	114	30	-	-	NO	15	CONE	0.0625	
18-78	125	heavy fuel oil				8760	1	114	30	-	-	NO	15	CONE	0.0625	
18-78	125	Vegetable Oil				8760	1	114	30	-	-	NO	15	CONE	0.0625	
19-78	126	heavy fuel oil				8760	1	114	30	-	-	NO	15	CONE	0.0625	
19-78	126	Vegetable Oil				8760	1	114	30	-	-	NO	15	CONE	0.0625	
20-78	127	heavy fuel oil				8760	1	117	41	-	-	NO	20.5	CONE	0.0625	
20-78	127	Vegetable Oil				8760	1	117	41	-	-	NO	20.5	CONE	0.0625	
27-78	128	heavy fuel oil				8760	1	120	40	-	-	NO	20	CONE	0.0625	
27-78	128	Vegetable Oil				8760	1	120	40	-	-	NO	20	CONE	0.0625	
28-78	129	heavy fuel oil				8760	1	120	40	-	-	NO	20	CONE	0.0625	
28-78	129	Vegetable Oil				8760	1	120	40	-	-	NO	20	CONE	0.0625	
31-78	130	heavy fuel oil				8760	1	120	41	-	-	NO	20.5	CONE	0.0625	
31-78	130	Vegetable Oil				8760	1	120	41	-	-	NO	20.5	CONE	0.0625	
32-78	131	heavy fuel oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
32-78	131	Vegetable Oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
33-78	132	heavy fuel oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
33-78	132	Vegetable Oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
34-78	133	heavy fuel oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
34-78	133	Vegetable Oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
35-78	134	heavy fuel oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
35-78	134	Vegetable Oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
36-78	135	heavy fuel oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
36-78	135	Vegetable Oil				8760	1	120	42	-	-	NO	21	CONE	0.0625	
37-78	136	heavy fuel oil				8760	1	134	40	-	-	NO	20	CONE	0.0625	
37-78	136	Vegetable Oil				8760	1	134	40	-	-	NO	20	CONE	0.0625	
38-78	137	heavy fuel oil				8760	1	134	40	-	-	NO	20	CONE	0.0625	
38-78	137	Vegetable Oil				8760	1	134	40	-	-	NO	20	CONE	0.0625	
39-78	138	heavy fuel oil				8760	1	134	40	-	-	NO	20	CONE	0.0625	
39-78	138	Vegetable Oil				8760	1	134	40	-	-	NO	20	CONE	0.0625	
40-78	139	heavy fuel oil				8760	1	134	42	-	-	NO	21	CONE	0.0625	
40-78	139	Vegetable Oil				8760	1	134	42	-	-	NO	21	CONE	0.0625	
1-79	140	Diesel w/HAPs				8760	1	13	32	-	-	NO	16	CONE	0.0625	
1-79	140	Vegetable Oil				8760	1	13	32	-	-	NO	16	CONE	0.0625	

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Pt. Source No.	Tank ID No.	Vapor Space Outage "H_{VO}", (ft)	Maximum Annual Throughput Q, (gals)	Turnovers "N"	Maximum Fill Rate (gals/min)	Will Tank Have Breather Vents? (YES/NO)	Breather Vent Pressure Setting "P_{BP}", psig	Breather Vent Vacuum Setting "P_{BV}", psig	Tank Shell Color	Tank Roof Color	Tank Paint Cond GOOD/ POOR	Paint Factor "α"	Does Tank Vent to Control Device (If YES, type)	Control Device Efficiency (%)
8-78	115	14.36	3,022,571	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
9-78	116	14.78	372,596	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
9-78	116	14.78	1,862,979	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
10-78	117	15.36	647,694	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
10-78	117	15.36	3,238,469	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
11-78	118	15.36	647,694	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
11-78	118	15.36	3,238,469	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
12-78	119	15.36	647,694	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
12-78	119	15.36	3,238,469	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
13-78	120	14.78	372,596	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
13-78	120	14.78	1,862,979	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
14-78	121	12.73	213,254	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
14-78	121	12.73	1,066,271	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
15-78	122	15.30	3,030,343	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
15-78	122	15.30	15,151,716	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
16-78	123	15.80	3,134,838	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
16-78	123	15.80	15,674,189	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
17-78	124	16.19	27,485,479	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
17-78	124	16.19	34,356,849	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
18-78	125	16.19	27,485,479	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
18-78	125	16.19	34,356,849	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
19-78	126	16.19	27,485,479	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
19-78	126	16.19	34,356,849	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
20-78	127	21.72	39,566,528	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
20-78	127	21.72	49,458,160	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
27-78	128	21.25	40,606,433	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
27-78	128	21.25	50,758,041	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
28-78	129	21.25	40,606,433	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
28-78	129	21.25	50,758,041	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
31-78	130	21.75	41,621,594	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
31-78	130	21.75	52,026,992	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
32-78	131	22.25	42,636,755	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
32-78	131	22.25	53,295,943	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
33-78	132	22.25	42,636,755	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
33-78	132	22.25	53,295,943	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
34-78	133	22.25	42,636,755	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
34-78	133	22.25	53,295,943	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
35-78	134	22.25	39,083,692	11.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
35-78	134	22.25	53,295,943	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
36-78	135	22.25	42,636,755	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
36-78	135	22.25	53,295,943	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
37-78	136	21.40	46,414,469	11.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
37-78	136	21.40	63,292,458	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
38-78	137	21.40	46,414,469	11.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
38-78	137	21.40	63,292,458	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
39-78	138	21.40	50,633,966	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
39-78	138	21.40	63,292,458	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
40-78	139	22.40	53,165,664	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
40-78	139	22.40	66,457,081	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
1-79	140	16.14	95,312	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
1-79	140	16.14	476,562	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0

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Pt. Source No.	Tank ID No.	Modelled Tank Contents			Antoine Cons				Tank Contents				Antoine Constants			Tank Contents	
		Compound 1	Wt. %	Mol. Wt.	Mole Fract.	A	B	C	Compound 2	Wt. %	Mol. Wt.	Mole Fract.	A	B	C	Compound 3	Wt. %
8-78	115	Vegetable Oil	100	250	1												
9-78	116	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
9-78	116	Vegetable Oil	100	250	1												
10-78	117	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
10-78	117	Vegetable Oil	100	250	1												
11-78	118	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
11-78	118	Vegetable Oil	100	250	1												
12-78	119	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
12-78	119	Vegetable Oil	100	250	1												
13-78	120	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
13-78	120	Vegetable Oil	100	250	1												
14-78	121	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
14-78	121	Vegetable Oil	100	250	1												
15-78	122	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
15-78	122	Vegetable Oil	100	250	1												
16-78	123	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
16-78	123	Vegetable Oil	100	250	1												
17-78	124	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
17-78	124	Vegetable Oil	100	250	1												
18-78	125	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
18-78	125	Vegetable Oil	100	250	1												
19-78	126	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
19-78	126	Vegetable Oil	100	250	1												
20-78	127	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
20-78	127	Vegetable Oil	100	250	1												
27-78	128	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
27-78	128	Vegetable Oil	100	250	1												
28-78	129	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
28-78	129	Vegetable Oil	100	250	1												
31-78	130	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
31-78	130	Vegetable Oil	100	250	1												
32-78	131	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
32-78	131	Vegetable Oil	100	250	1												
33-78	132	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
33-78	132	Vegetable Oil	100	250	1												
34-78	133	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
34-78	133	Vegetable Oil	100	250	1												
35-78	134	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
35-78	134	Vegetable Oil	100	250	1												
36-78	135	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
36-78	135	Vegetable Oil	100	250	1												
37-78	136	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
37-78	136	Vegetable Oil	100	250	1												
38-78	137	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
38-78	137	Vegetable Oil	100	250	1												
39-78	138	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
39-78	138	Vegetable Oil	100	250	1												
40-78	139	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
40-78	139	Vegetable Oil	100	250	1												
1-79	140	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
1-79	140	Vegetable Oil	100	250	1												

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Pt. Source No.	Tank ID No.	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Tank Contents Compound 4	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Tank Contents Compound 5	Wt. %	Mol. Wt.	Mole Fract.	Ant A
8-78	115																	
9-78	116	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
9-78	116																	
10-78	117	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
10-78	117																	
11-78	118	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
11-78	118																	
12-78	119	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
12-78	119																	
13-78	120	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
13-78	120																	
14-78	121	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
14-78	121																	
15-78	122	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
15-78	122																	
16-78	123	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
16-78	123																	
17-78	124	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
17-78	124																	
18-78	125	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
18-78	125																	
19-78	126	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
19-78	126																	
20-78	127	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
20-78	127																	
27-78	128	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
27-78	128																	
28-78	129	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
28-78	129																	
31-78	130	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
31-78	130																	
32-78	131	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
32-78	131																	
33-78	132	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
33-78	132																	
34-78	133	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
34-78	133																	
35-78	134	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
35-78	134																	
36-78	135	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
36-78	135																	
37-78	136	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
37-78	136																	
38-78	137	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
38-78	137																	
39-78	138	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
39-78	138																	
40-78	139	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
40-78	139																	
1-79	140	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
1-79	140																	

Pt. Source No.	Tank ID No.	oine Constants		Tank Contents	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants			Tank Contents	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants			Tank Contents
		B	C	Compound 6				A	B	C	Compound 7				A	B	C	Compound 8
8-78	115																	
9-78	116	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
9-78	116																	
10-78	117	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
10-78	117																	
11-78	118	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
11-78	118																	
12-78	119	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
12-78	119																	
13-78	120	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
13-78	120																	
14-78	121	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
14-78	121																	
15-78	122	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
15-78	122																	
16-78	123	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
16-78	123																	
17-78	124	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
17-78	124																	
18-78	125	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
18-78	125																	
19-78	126	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
19-78	126																	
20-78	127	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
20-78	127																	
27-78	128	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
27-78	128																	
28-78	129	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
28-78	129																	
31-78	130	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
31-78	130																	
32-78	131	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
32-78	131																	
33-78	132	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
33-78	132																	
34-78	133	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
34-78	133																	
35-78	134	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
35-78	134																	
36-78	135	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
36-78	135																	
37-78	136	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
37-78	136																	
38-78	137	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
38-78	137																	
39-78	138	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
39-78	138																	
40-78	139	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
40-78	139																	
1-79	140	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
1-79	140																	

Pt. Source No.	Tank ID No.	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Tank Contents Compound 9	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Daily Avg. Liq. Surface Temp "T_{LA}" deg R	Daily Max. Liq. Surface Temp "T_{LX}", deg R	Daily Min. Liq. Surface Temp "T_{LN}", deg R
															Degrees R = Degrees F + 459.67		
8-78	115														536.3	545.8	526.8
9-78	116	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
9-78	116														536.3	545.8	526.8
10-78	117	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
10-78	117														536.3	545.8	526.8
11-78	118	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
11-78	118														536.3	545.8	526.8
12-78	119	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
12-78	119														536.3	545.8	526.8
13-78	120	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
13-78	120														536.3	545.8	526.8
14-78	121	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
14-78	121														536.3	545.8	526.8
15-78	122	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
15-78	122														536.3	545.8	526.8
16-78	123	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
16-78	123														536.3	545.8	526.8
17-78	124	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	610.0	620.0	600.0
17-78	124														590.0	600.0	580.0
18-78	125	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	575.0	585.0	565.0
18-78	125														590.0	600.0	580.0
19-78	126	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	575.0	585.0	565.0
19-78	126														590.0	600.0	580.0
20-78	127	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	610.0	620.0	600.0
20-78	127														590.0	600.0	580.0
27-78	128	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
27-78	128														590.0	600.0	580.0
28-78	129	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	610.0	620.0	600.0
28-78	129														590.0	600.0	580.0
31-78	130	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	610.0	620.0	600.0
31-78	130														590.0	600.0	580.0
32-78	131	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
32-78	131														590.0	600.0	580.0
33-78	132	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
33-78	132														590.0	600.0	580.0
34-78	133	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	610.0	620.0	600.0
34-78	133														590.0	600.0	580.0
35-78	134	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	610.0	620.0	600.0
35-78	134														590.0	600.0	580.0
36-78	135	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
36-78	135														590.0	600.0	580.0
37-78	136	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
37-78	136														590.0	600.0	580.0
38-78	137	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	610.0	620.0	600.0
38-78	137														590.0	600.0	580.0
39-78	138	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
39-78	138														590.0	600.0	580.0
40-78	139	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
40-78	139														590.0	600.0	580.0
1-79	140	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
1-79	140														536.3	545.8	526.8

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Pt. Source No.	Tank ID No.	P.Press of Comp 1 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 2 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 4 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Avg. Liq. Surface Temp psia	Vap. Press. Daily Avg. Liq. Surface Temp "P_{VA}" psia	Mol. Wt. Of Vapor @ Daily Avg. Liq. Surface Temp "M_V"	P.Press of Comp 1 @ Daily Max. Liq. Surface Temp psia
8-78	115	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
9-78	116	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
9-78	116	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
10-78	117	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
10-78	117	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
11-78	118	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
11-78	118	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
12-78	119	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
12-78	119	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
13-78	120	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
13-78	120	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
14-78	121	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
14-78	121	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
15-78	122	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
15-78	122	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
16-78	123	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
16-78	123	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
17-78	124	0.0214	0.000523738	0.005223937	9.00944E-05	0.001646049	0.000715428	0.001461605	0.000614571	1.31892E-07	0.032	189	0.0264
17-78	124	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
18-78	125	0.0098	0.00015339	0.002138916	2.35805E-05	0.000743067	0.000278784	0.000604972	0.000302314	2.70896E-08	0.014	191	0.0123
18-78	125	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
19-78	126	0.0098	0.00015339	0.002138916	2.35805E-05	0.000743067	0.000278784	0.000604972	0.000302314	2.70896E-08	0.014	191	0.0123
19-78	126	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
20-78	127	0.0214	0.000523738	0.005223937	9.00944E-05	0.001646049	0.000715428	0.001461605	0.000614571	1.31892E-07	0.032	189	0.0264
20-78	127	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
27-78	128	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
27-78	128	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
28-78	129	0.0214	0.000523738	0.005223937	9.00944E-05	0.001646049	0.000715428	0.001461605	0.000614571	1.31892E-07	0.032	189	0.0264
28-78	129	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
31-78	130	0.0214	0.000523738	0.005223937	9.00944E-05	0.001646049	0.000715428	0.001461605	0.000614571	1.31892E-07	0.032	189	0.0264
31-78	130	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
32-78	131	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
32-78	131	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
33-78	132	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
33-78	132	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
34-78	133	0.0214	0.000523738	0.005223937	9.00944E-05	0.001646049	0.000715428	0.001461605	0.000614571	1.31892E-07	0.032	189	0.0264
34-78	133	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
35-78	134	0.0214	0.000523738	0.005223937	9.00944E-05	0.001646049	0.000715428	0.001461605	0.000614571	1.31892E-07	0.032	189	0.0264
35-78	134	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
36-78	135	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
36-78	135	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
37-78	136	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
37-78	136	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
38-78	137	0.0214	0.000523738	0.005223937	9.00944E-05	0.001646049	0.000715428	0.001461605	0.000614571	1.31892E-07	0.032	189	0.0264
38-78	137	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
39-78	138	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
39-78	138	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
40-78	139	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
40-78	139	0.0065	0	0	0	0	0	0	0	0	0.007	250	0.0085
1-79	140	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
1-79	140	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018

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Pt. Source No.	Tank ID No.	P.Press of Comp 2 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 4 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Max. Liq. Surface Temp psia	Vap. Press. Daily Max. Liq. Surface Temp "P_X", psia	P.Press of Comp 1 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 2 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Min. Liq. Surface Temp psia
8-78	115	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
9-78	116	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
9-78	116	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
10-78	117	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
10-78	117	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
11-78	118	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
11-78	118	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
12-78	119	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
12-78	119	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
13-78	120	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
13-78	120	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
14-78	121	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
14-78	121	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
15-78	122	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
15-78	122	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
16-78	123	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
16-78	123	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
17-78	124	0.000718797	0.00659358	0.000127597	0.002026013	0.000914168	0.001839338	0.000739715	1.98957E-07	0.039	0.0174	0.000376168	0.004100063
17-78	124	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
18-78	125	0.000222394	0.002797457	3.53152E-05	0.000943568	0.000370229	0.000788733	0.000374092	4.36402E-08	0.018	0.0077	0.000103877	0.001616433
18-78	125	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
19-78	126	0.000222394	0.002797457	3.53152E-05	0.000943568	0.000370229	0.000788733	0.000374092	4.36402E-08	0.018	0.0077	0.000103877	0.001616433
19-78	126	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
20-78	127	0.000718797	0.00659358	0.000127597	0.002026013	0.000914168	0.001839338	0.000739715	1.98957E-07	0.039	0.0174	0.000376168	0.004100063
20-78	127	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
27-78	128	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
27-78	128	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
28-78	129	0.000718797	0.00659358	0.000127597	0.002026013	0.000914168	0.001839338	0.000739715	1.98957E-07	0.039	0.0174	0.000376168	0.004100063
28-78	129	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
31-78	130	0.000718797	0.00659358	0.000127597	0.002026013	0.000914168	0.001839338	0.000739715	1.98957E-07	0.039	0.0174	0.000376168	0.004100063
31-78	130	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
32-78	131	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
32-78	131	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
33-78	132	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
33-78	132	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
34-78	133	0.000718797	0.00659358	0.000127597	0.002026013	0.000914168	0.001839338	0.000739715	1.98957E-07	0.039	0.0174	0.000376168	0.004100063
34-78	133	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
35-78	134	0.000718797	0.00659358	0.000127597	0.002026013	0.000914168	0.001839338	0.000739715	1.98957E-07	0.039	0.0174	0.000376168	0.004100063
35-78	134	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
36-78	135	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
36-78	135	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
37-78	136	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
37-78	136	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
38-78	137	0.000718797	0.00659358	0.000127597	0.002026013	0.000914168	0.001839338	0.000739715	1.98957E-07	0.039	0.0174	0.000376168	0.004100063
38-78	137	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
39-78	138	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
39-78	138	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
40-78	139	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
40-78	139	0	0	0	0	0	0	0	0	0.009	0.0049	0	0
1-79	140	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
1-79	140	0	0	0	0	0	0	0	0	0.002	0.0009	0	0

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Pt. Source No.	Tank ID No.	P.Press of Comp 4 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Min. Liq. Surface Temp psia	Vap. Press Daily Min. Liq. Surface Temp "P_{LN}", psia	Vap. Press. Range "DP_V", psia	Vapor Space Volume "V_V", (ft^3)	Vapor Density "W_V", (lb/ft^3)	Vapor Space Expansion Factor "K_E"	Vented Vapor Saturation Factor "K_S"
8-78	115	0	0	0	0	0	0	0.001	0.001	13820.34	0.000	0.071	0.999
9-78	116	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	8463.08	0.000	0.071	0.992
9-78	116	0	0	0	0	0	0	0.001	0.001	8463.08	0.000	0.071	0.999
10-78	117	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	14782.45	0.000	0.071	0.991
10-78	117	0	0	0	0	0	0	0.001	0.001	14782.45	0.000	0.071	0.999
11-78	118	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	14782.45	0.000	0.071	0.991
11-78	118	0	0	0	0	0	0	0.001	0.001	14782.45	0.000	0.071	0.999
12-78	119	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	14782.45	0.000	0.071	0.991
12-78	119	0	0	0	0	0	0	0.001	0.001	14782.45	0.000	0.071	0.999
13-78	120	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	8463.08	0.000	0.071	0.992
13-78	120	0	0	0	0	0	0	0.001	0.001	8463.08	0.000	0.071	0.999
14-78	121	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	4838.77	0.000	0.071	0.993
14-78	121	0	0	0	0	0	0	0.001	0.001	4838.77	0.000	0.071	0.999
15-78	122	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	71256.01	0.000	0.071	0.991
15-78	122	0	0	0	0	0	0	0.001	0.001	71256.01	0.000	0.071	0.999
16-78	123	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	73584.33	0.000	0.071	0.991
16-78	123	0	0	0	0	0	0	0.001	0.001	73584.33	0.000	0.071	0.999
17-78	124	6.2685E-05	0.001326348	0.000457663	0.001150638	0.000506867	8.59322E-08	0.025	0.014	165226.23	0.001	0.063	0.974
17-78	124	0	0	0	0	0	0	0.005	0.004	165226.23	0.000	0.065	0.994
18-78	125	1.54574E-05	0.000579229	0.000165868	0.000458666	0.000242106	1.64551E-08	0.011	0.007	165226.23	0.000	0.067	0.988
18-78	125	0	0	0	0	0	0	0.005	0.004	165226.23	0.000	0.065	0.994
19-78	126	1.54574E-05	0.000579229	0.000165868	0.000458666	0.000242106	1.64551E-08	0.011	0.007	165226.23	0.000	0.067	0.988
19-78	126	0	0	0	0	0	0	0.005	0.004	165226.23	0.000	0.065	0.994
20-78	127	6.2685E-05	0.001326348	0.000457663	0.001150638	0.000506867	8.59322E-08	0.025	0.014	233504.94	0.001	0.063	0.965
20-78	127	0	0	0	0	0	0	0.005	0.004	233504.94	0.000	0.065	0.993
27-78	128	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	240331.64	0.001	0.065	0.978
27-78	128	0	0	0	0	0	0	0.005	0.004	240331.64	0.000	0.065	0.993
28-78	129	6.2685E-05	0.001326348	0.000457663	0.001150638	0.000506867	8.59322E-08	0.025	0.014	240331.64	0.001	0.063	0.966
28-78	129	0	0	0	0	0	0	0.005	0.004	240331.64	0.000	0.065	0.993
31-78	130	6.2685E-05	0.001326348	0.000457663	0.001150638	0.000506867	8.59322E-08	0.025	0.014	245986.50	0.001	0.063	0.965
31-78	130	0	0	0	0	0	0	0.005	0.004	245986.50	0.000	0.065	0.993
32-78	131	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	251641.36	0.001	0.065	0.977
32-78	131	0	0	0	0	0	0	0.005	0.004	251641.36	0.000	0.065	0.992
33-78	132	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	251641.36	0.001	0.065	0.977
33-78	132	0	0	0	0	0	0	0.005	0.004	251641.36	0.000	0.065	0.992
34-78	133	6.2685E-05	0.001326348	0.000457663	0.001150638	0.000506867	8.59322E-08	0.025	0.014	251641.36	0.001	0.063	0.964
34-78	133	0	0	0	0	0	0	0.005	0.004	251641.36	0.000	0.065	0.992
35-78	134	6.2685E-05	0.001326348	0.000457663	0.001150638	0.000506867	8.59322E-08	0.025	0.014	251641.36	0.001	0.063	0.964
35-78	134	0	0	0	0	0	0	0.005	0.004	251641.36	0.000	0.065	0.992
36-78	135	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	251641.36	0.001	0.065	0.977
36-78	135	0	0	0	0	0	0	0.005	0.004	251641.36	0.000	0.065	0.992
37-78	136	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	301736.83	0.001	0.065	0.978
37-78	136	0	0	0	0	0	0	0.005	0.004	301736.83	0.000	0.065	0.993
38-78	137	6.2685E-05	0.001326348	0.000457663	0.001150638	0.000506867	8.59322E-08	0.025	0.014	301736.83	0.001	0.063	0.965
38-78	137	0	0	0	0	0	0	0.005	0.004	301736.83	0.000	0.065	0.993
39-78	138	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	301736.83	0.001	0.065	0.978
39-78	138	0	0	0	0	0	0	0.005	0.004	301736.83	0.000	0.065	0.993
40-78	139	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	315839.42	0.001	0.065	0.977
40-78	139	0	0	0	0	0	0	0.005	0.004	315839.42	0.000	0.065	0.992
1-79	140	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	2141.69	0.000	0.071	0.991
1-79	140	0	0	0	0	0	0	0.001	0.001	2141.69	0.000	0.071	0.999

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Pt. Source No.	Tank ID No.	Standing Storage Loss extra "L_S", (lbs/yr)	Vapor Molecular Weight "M_V", (lb/lb-mole)	Vap. Press. Daily Avg. Liq. Surface Temp. "P_{VA}", (psia)	Maximum Annual Throughput "Q", (bbls.)	Turnover Factor "K_N"	Working Loss Product Factor "K_P"	Working Loss "L_W", (lbs/yr)		Avg Hourly Rate (lbs/hr)	Max Hourly Rate (lbs/hr)	Total Loss (lbs/yr)	Total Loss (tns/yr)
8-78	115	19.9	250	0.001	71,966	1	1	23.1		0.005	6.566	43	0.021
9-78	116	53.0	130	0.011	8,871	1	1	12.6		0.007	28.388	66	0.033
9-78	116	12.2	250	0.001	44,357	1	1	14.2		0.003	6.565	26	0.013
10-78	117	92.5	130	0.011	15,421	1	1	21.9		0.013	28.393	114	0.057
10-78	117	21.3	250	0.001	77,106	1	1	24.7		0.005	6.566	46	0.023
11-78	118	92.5	130	0.011	15,421	1	1	21.9		0.013	28.393	114	0.057
11-78	118	21.3	250	0.001	77,106	1	1	24.7		0.005	6.566	46	0.023
12-78	119	92.5	130	0.011	15,421	1	1	21.9		0.013	28.393	114	0.057
12-78	119	21.3	250	0.001	77,106	1	1	24.7		0.005	6.566	46	0.023
13-78	120	53.0	130	0.011	8,871	1	1	12.6		0.007	28.388	66	0.033
13-78	120	12.2	250	0.001	44,357	1	1	14.2		0.003	6.565	26	0.013
14-78	121	30.3	130	0.011	5,077	1	1	7.2		0.004	28.385	38	0.019
14-78	121	7.0	250	0.001	25,387	1	1	8.1		0.002	6.564	15	0.008
15-78	122	445.9	130	0.011	72,151	1	1	102.4		0.063	28.433	548	0.274
15-78	122	102.6	250	0.001	360,755	1	1	115.7		0.025	6.575	218	0.109
16-78	123	460.3	130	0.011	74,639	1	1	105.9		0.065	28.435	566	0.283
16-78	123	105.9	250	0.001	373,195	1	1	119.7		0.026	6.576	226	0.113
17-78	124	680.0	230	0.032	654,416	1	1	4774.6		0.623	135.986	5455	2.727
17-78	124	199.4	250	0.007	818,020	1	1	1331.9		0.175	32.039	1531	0.766
18-78	125	344.6	230	0.014	654,416	1	1	2108.1		0.280	61.686	2453	1.226
18-78	125	199.4	250	0.007	818,020	1	1	1331.9		0.175	32.039	1531	0.766
19-78	126	344.6	230	0.014	654,416	1	1	2108.1		0.280	61.686	2453	1.226
19-78	126	199.4	250	0.007	818,020	1	1	1331.9		0.175	32.039	1531	0.766
20-78	127	952.3	230	0.032	942,060	1	1	6873.2		0.893	136.017	7825	3.913
20-78	127	281.2	250	0.007	1,177,575	1	1	1917.4		0.251	32.048	2199	1.099
27-78	128	674.8	230	0.020	966,820	1	1	4474.1		0.588	87.567	5149	2.574
27-78	128	289.5	250	0.007	1,208,525	1	1	1967.8		0.258	32.049	2257	1.129
28-78	129	980.9	230	0.032	966,820	1	1	7053.8		0.917	136.020	8035	4.017
28-78	129	289.5	250	0.007	1,208,525	1	1	1967.8		0.258	32.049	2257	1.129
31-78	130	1003.2	230	0.032	990,990	1	1	7230.2		0.940	136.023	8233	4.117
31-78	130	296.2	250	0.007	1,238,738	1	1	2016.9		0.264	32.050	2313	1.157
32-78	131	705.8	230	0.020	1,015,161	1	1	4697.8		0.617	87.571	5404	2.702
32-78	131	303.0	250	0.007	1,268,951	1	1	2066.1		0.270	32.051	2369	1.185
33-78	132	705.8	230	0.020	1,015,161	1	1	4697.8		0.617	87.571	5404	2.702
33-78	132	303.0	250	0.007	1,268,951	1	1	2066.1		0.270	32.051	2369	1.185
34-78	133	1025.4	230	0.032	1,015,161	1	1	7406.5		0.963	136.025	8432	4.216
34-78	133	303.0	250	0.007	1,268,951	1	1	2066.1		0.270	32.051	2369	1.185
35-78	134	1025.4	230	0.032	930,564	1	1	6789.3		0.892	136.025	7815	3.907
35-78	134	303.0	250	0.007	1,268,951	1	1	2066.1		0.270	32.051	2369	1.185
36-78	135	705.8	230	0.020	1,015,161	1	1	4697.8		0.617	87.571	5404	2.702
36-78	135	303.0	250	0.007	1,268,951	1	1	2066.1		0.270	32.051	2369	1.185
37-78	136	847.1	230	0.020	1,105,106	1	1	5114.0		0.680	87.587	5961	2.981
37-78	136	363.4	250	0.007	1,506,963	1	1	2453.7		0.322	32.058	2817	1.409
38-78	137	1231.2	230	0.032	1,105,106	1	1	8062.7		1.061	136.049	9294	4.647
38-78	137	363.4	250	0.007	1,506,963	1	1	2453.7		0.322	32.058	2817	1.409
39-78	138	847.1	230	0.020	1,205,571	1	1	5579.0		0.734	87.587	6426	3.213
39-78	138	363.4	250	0.007	1,506,963	1	1	2453.7		0.322	32.058	2817	1.409
40-78	139	885.7	230	0.020	1,265,849	1	1	5857.9		0.770	87.591	6744	3.372
40-78	139	380.3	250	0.007	1,582,311	1	1	2576.4		0.338	32.060	2957	1.478
1-79	140	13.4	130	0.011	2,269	1	1	3.2		0.002	28.384	17	0.008
1-79	140	3.1	250	0.001	11,347	1	1	3.6		0.001	6.564	7	0.003

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Pt. Source No.	Tank ID No.	Total Loss Comp 1 (lbs/yr)	Total Loss Comp2 (lbs/yr)	Total Loss Comp 3 (lbs/yr)	Total Loss Comp 4 (lbs/yr)	Total Loss Comp 5 (lbs/yr)	Total Loss Comp 6 (lbs/yr)	Total Loss Comp 7 (lbs/yr)	Total Loss Comp 8 (lbs/yr)	Total Loss Comp 9 (lbs/yr)	Compound 1	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 2
8-78	115	42.977	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.005	6.566	0.0215	
9-78	116	61.795	0.104	1.918	0.017	0.658	0.264	0.549	0.254	0.000	Diesel w/HAPs	0.007	26.758	0.0309	Naphthalene
9-78	116	26.409	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.003	6.565	0.0132	
10-78	117	107.809	0.182	3.346	0.030	1.147	0.461	0.958	0.442	0.000	Diesel w/HAPs	0.012	26.763	0.0539	Naphthalene
10-78	117	46.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.005	6.566	0.0230	
11-78	118	107.809	0.182	3.346	0.030	1.147	0.461	0.958	0.442	0.000	Diesel w/HAPs	0.012	26.763	0.0539	Naphthalene
11-78	118	46.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.005	6.566	0.0230	
12-78	119	107.809	0.182	3.346	0.030	1.147	0.461	0.958	0.442	0.000	Diesel w/HAPs	0.012	26.763	0.0539	Naphthalene
12-78	119	46.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.005	6.566	0.0230	
13-78	120	61.795	0.104	1.918	0.017	0.658	0.264	0.549	0.254	0.000	Diesel w/HAPs	0.007	26.758	0.0309	Naphthalene
13-78	120	26.409	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.003	6.565	0.0132	
14-78	121	35.372	0.050	1.098	0.010	0.376	0.151	0.314	0.145	0.000	Diesel w/HAPs	0.004	26.756	0.0177	Naphthalene
14-78	121	15.109	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.002	6.564	0.0076	
15-78	122	516.765	0.871	16.038	0.142	5.500	2.207	4.594	2.121	0.000	Diesel w/HAPs	0.059	26.801	0.2584	Naphthalene
15-78	122	218.276	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.025	6.575	0.1091	
16-78	123	533.701	0.899	16.563	0.147	5.680	2.280	4.745	2.190	0.000	Diesel w/HAPs	0.061	26.802	0.2669	Naphthalene
16-78	123	225.613	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.026	6.576	0.1128	
17-78	124	4477.349	60.928	503.445	12.611	137.656	78.059	140.859	43.574	0.021	heavy fuel oil	0.511	111.624	2.2387	Naphthalene
17-78	124	1531.275	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.175	32.039	0.7656	
18-78	125	2050.687	17.957	207.429	3.321	62.532	30.609	58.669	21.569	0.004	heavy fuel oil	0.234	51.574	1.0253	Naphthalene
18-78	125	1531.275	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.175	32.039	0.7656	
19-78	126	2050.687	17.957	207.429	3.321	62.532	30.609	58.669	21.569	0.004	heavy fuel oil	0.234	51.574	1.0253	Naphthalene
19-78	126	1531.275	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.175	32.039	0.7656	
20-78	127	6423.581	87.413	722.285	18.092	197.493	111.990	202.088	62.515	0.031	heavy fuel oil	0.733	111.650	3.2118	Naphthalene
20-78	127	2198.560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.251	32.048	1.0993	
27-78	128	4269.347	45.768	454.026	8.887	131.009	68.525	127.811	43.489	0.013	heavy fuel oil	0.487	72.609	2.1347	Naphthalene
27-78	128	2257.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.258	32.049	1.1286	
28-78	129	6595.330	89.750	741.597	18.576	202.774	114.984	207.491	64.187	0.031	heavy fuel oil	0.753	111.653	3.2977	Naphthalene
28-78	129	2257.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.258	32.049	1.1286	
31-78	130	6758.360	91.969	759.928	19.035	207.786	117.827	212.620	65.774	0.032	heavy fuel oil	0.772	111.655	3.3792	Naphthalene
31-78	130	2313.174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.264	32.050	1.1566	
32-78	131	4480.558	48.032	476.488	9.326	137.490	71.915	134.134	45.640	0.014	heavy fuel oil	0.511	72.612	2.2403	Naphthalene
32-78	131	2369.126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.270	32.051	1.1846	
33-78	132	4480.558	48.032	476.488	9.326	137.490	71.915	134.134	45.640	0.014	heavy fuel oil	0.511	72.612	2.2403	Naphthalene
33-78	132	2369.126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.270	32.051	1.1846	
34-78	133	6921.362	94.187	778.257	19.494	212.798	120.668	217.748	67.360	0.033	heavy fuel oil	0.790	111.657	3.4607	Naphthalene
34-78	133	2369.126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.270	32.051	1.1846	
35-78	134	6414.724	87.292	721.289	18.067	197.221	111.836	201.809	62.429	0.031	heavy fuel oil	0.732	111.657	3.2074	Naphthalene
35-78	134	2369.126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.270	32.051	1.1846	
36-78	135	4480.558	48.032	476.488	9.326	137.490	71.915	134.134	45.640	0.014	heavy fuel oil	0.511	72.612	2.2403	Naphthalene
36-78	135	2369.126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.270	32.051	1.1846	
37-78	136	4942.823	52.988	525.647	10.289	151.675	79.335	147.973	50.349	0.015	heavy fuel oil	0.564	72.625	2.4714	Naphthalene
37-78	136	2817.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.322	32.058	1.4085	
38-78	137	7628.994	103.816	857.825	21.487	234.554	133.005	240.011	74.247	0.036	heavy fuel oil	0.871	111.676	3.8145	Naphthalene
38-78	137	2817.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.322	32.058	1.4085	
39-78	138	5328.320	57.120	566.643	11.091	163.505	85.522	159.514	54.276	0.016	heavy fuel oil	0.608	72.625	2.6642	Naphthalene
39-78	138	2817.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.322	32.058	1.4085	
40-78	139	5591.679	59.943	594.650	11.639	171.586	89.749	167.398	56.958	0.017	heavy fuel oil	0.638	72.629	2.7958	Naphthalene
40-78	139	2956.626	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.338	32.060	1.4783	
1-79	140	15.661	0.026	0.486	0.004	0.167	0.067	0.139	0.064	0.000	Diesel w/HAPs	0.002	26.754	0.0078	Naphthalene
1-79	140	6.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.001	6.564	0.0034	

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Pt. Source No.	Tank ID No.	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 3	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 4	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 5	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)
8-78	115	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
9-78	116	0.000	0.045	0.0001	Xylene	0.000	0.830	0.0010	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
9-78	116	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
10-78	117	0.000	0.045	0.0001	Xylene	0.000	0.831	0.0017	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
10-78	117	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
11-78	118	0.000	0.045	0.0001	Xylene	0.000	0.831	0.0017	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
11-78	118	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
12-78	119	0.000	0.045	0.0001	Xylene	0.000	0.831	0.0017	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
12-78	119	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
13-78	120	0.000	0.045	0.0001	Xylene	0.000	0.830	0.0010	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
13-78	120	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
14-78	121	0.000	0.045	0.0000	Xylene	0.000	0.830	0.0005	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
14-78	121	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
15-78	122	0.000	0.045	0.0004	Xylene	0.002	0.832	0.0080	Biphenyl	0.000	0.007	0.0001	Toluene	0.001	0.285
15-78	122	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
16-78	123	0.000	0.045	0.0004	Xylene	0.002	0.832	0.0083	Biphenyl	0.000	0.007	0.0001	Toluene	0.001	0.285
16-78	123	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
17-78	124	0.007	1.519	0.0305	Xylene	0.057	12.551	0.2517	Biphenyl	0.001	0.314	0.0063	Toluene	0.016	3.432
17-78	124	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
18-78	125	0.002	0.452	0.0090	Xylene	0.024	5.217	0.1037	Biphenyl	0.000	0.084	0.0017	Toluene	0.007	1.573
18-78	125	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
19-78	126	0.002	0.452	0.0090	Xylene	0.024	5.217	0.1037	Biphenyl	0.000	0.084	0.0017	Toluene	0.007	1.573
19-78	126	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
20-78	127	0.010	1.519	0.0437	Xylene	0.082	12.554	0.3611	Biphenyl	0.002	0.314	0.0090	Toluene	0.023	3.433
20-78	127	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
27-78	128	0.005	0.778	0.0229	Xylene	0.052	7.722	0.2270	Biphenyl	0.001	0.151	0.0044	Toluene	0.015	2.228
27-78	128	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
28-78	129	0.010	1.519	0.0449	Xylene	0.085	12.555	0.3708	Biphenyl	0.002	0.314	0.0093	Toluene	0.023	3.433
28-78	129	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
31-78	130	0.010	1.519	0.0460	Xylene	0.087	12.555	0.3800	Biphenyl	0.002	0.314	0.0095	Toluene	0.024	3.433
31-78	130	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
32-78	131	0.005	0.778	0.0240	Xylene	0.054	7.722	0.2382	Biphenyl	0.001	0.151	0.0047	Toluene	0.016	2.228
32-78	131	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
33-78	132	0.005	0.778	0.0240	Xylene	0.054	7.722	0.2382	Biphenyl	0.001	0.151	0.0047	Toluene	0.016	2.228
33-78	132	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
34-78	133	0.011	1.519	0.0471	Xylene	0.089	12.555	0.3891	Biphenyl	0.002	0.314	0.0097	Toluene	0.024	3.433
34-78	133	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
35-78	134	0.010	1.519	0.0436	Xylene	0.082	12.555	0.3606	Biphenyl	0.002	0.314	0.0090	Toluene	0.023	3.433
35-78	134	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
36-78	135	0.005	0.778	0.0240	Xylene	0.054	7.722	0.2382	Biphenyl	0.001	0.151	0.0047	Toluene	0.016	2.228
36-78	135	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
37-78	136	0.006	0.779	0.0265	Xylene	0.060	7.723	0.2628	Biphenyl	0.001	0.151	0.0051	Toluene	0.017	2.229
37-78	136	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
38-78	137	0.012	1.520	0.0519	Xylene	0.098	12.557	0.4289	Biphenyl	0.002	0.315	0.0107	Toluene	0.027	3.433
38-78	137	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
39-78	138	0.007	0.779	0.0286	Xylene	0.065	7.723	0.2833	Biphenyl	0.001	0.151	0.0055	Toluene	0.019	2.229
39-78	138	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
40-78	139	0.007	0.779	0.0300	Xylene	0.068	7.724	0.2973	Biphenyl	0.001	0.151	0.0058	Toluene	0.020	2.229
40-78	139	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
1-79	140	0.000	0.045	0.0000	Xylene	0.000	0.830	0.0002	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
1-79	140	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000

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Pt. Source No.	Tank ID No.	Annual Emissions (tons/yr)	Compound 6	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 7	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 8	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)
8-78	115	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
9-78	116	0.0003	Cumene	0.000	0.114	0.0001	Ethylbenzne	0.000	0.238	0.0003	Benzene	0.000	0.110	0.0001
9-78	116	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
10-78	117	0.0006	Cumene	0.000	0.114	0.0002	Ethylbenzne	0.000	0.238	0.0005	Benzene	0.000	0.110	0.0002
10-78	117	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
11-78	118	0.0006	Cumene	0.000	0.114	0.0002	Ethylbenzne	0.000	0.238	0.0005	Benzene	0.000	0.110	0.0002
11-78	118	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
12-78	119	0.0006	Cumene	0.000	0.114	0.0002	Ethylbenzne	0.000	0.238	0.0005	Benzene	0.000	0.110	0.0002
12-78	119	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
13-78	120	0.0003	Cumene	0.000	0.114	0.0001	Ethylbenzne	0.000	0.238	0.0003	Benzene	0.000	0.110	0.0001
13-78	120	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
14-78	121	0.0002	Cumene	0.000	0.114	0.0001	Ethylbenzne	0.000	0.238	0.0002	Benzene	0.000	0.110	0.0001
14-78	121	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
15-78	122	0.0027	Cumene	0.000	0.114	0.0011	Ethylbenzne	0.001	0.238	0.0023	Benzene	0.000	0.110	0.0011
15-78	122	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
16-78	123	0.0028	Cumene	0.000	0.114	0.0011	Ethylbenzne	0.001	0.238	0.0024	Benzene	0.000	0.110	0.0011
16-78	123	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
17-78	124	0.0688	Cumene	0.009	1.946	0.0390	Ethylbenzne	0.016	3.512	0.0704	Benzene	0.005	1.086	0.0218
17-78	124	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
18-78	125	0.0313	Cumene	0.003	0.770	0.0153	Ethylbenzne	0.007	1.476	0.0293	Benzene	0.002	0.542	0.0108
18-78	125	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
19-78	126	0.0313	Cumene	0.003	0.770	0.0153	Ethylbenzne	0.007	1.476	0.0293	Benzene	0.002	0.542	0.0108
19-78	126	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
20-78	127	0.0987	Cumene	0.013	1.947	0.0560	Ethylbenzne	0.023	3.513	0.1010	Benzene	0.007	1.087	0.0313
20-78	127	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
27-78	128	0.0655	Cumene	0.008	1.165	0.0343	Ethylbenzne	0.015	2.174	0.0639	Benzene	0.005	0.740	0.0217
27-78	128	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
28-78	129	0.1014	Cumene	0.013	1.947	0.0575	Ethylbenzne	0.024	3.513	0.1037	Benzene	0.007	1.087	0.0321
28-78	129	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
31-78	130	0.1039	Cumene	0.013	1.947	0.0589	Ethylbenzne	0.024	3.513	0.1063	Benzene	0.008	1.087	0.0329
31-78	130	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
32-78	131	0.0687	Cumene	0.008	1.165	0.0360	Ethylbenzne	0.015	2.174	0.0671	Benzene	0.005	0.740	0.0228
32-78	131	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
33-78	132	0.0687	Cumene	0.008	1.165	0.0360	Ethylbenzne	0.015	2.174	0.0671	Benzene	0.005	0.740	0.0228
33-78	132	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
34-78	133	0.1064	Cumene	0.014	1.947	0.0603	Ethylbenzne	0.025	3.513	0.1089	Benzene	0.008	1.087	0.0337
34-78	133	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
35-78	134	0.0986	Cumene	0.013	1.947	0.0559	Ethylbenzne	0.023	3.513	0.1009	Benzene	0.007	1.087	0.0312
35-78	134	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
36-78	135	0.0687	Cumene	0.008	1.165	0.0360	Ethylbenzne	0.015	2.174	0.0671	Benzene	0.005	0.740	0.0228
36-78	135	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
37-78	136	0.0758	Cumene	0.009	1.166	0.0397	Ethylbenzne	0.017	2.174	0.0740	Benzene	0.006	0.740	0.0252
37-78	136	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
38-78	137	0.1173	Cumene	0.015	1.947	0.0665	Ethylbenzne	0.027	3.513	0.1200	Benzene	0.008	1.087	0.0371
38-78	137	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
39-78	138	0.0818	Cumene	0.010	1.166	0.0428	Ethylbenzne	0.018	2.174	0.0798	Benzene	0.006	0.740	0.0271
39-78	138	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
40-78	139	0.0858	Cumene	0.010	1.166	0.0449	Ethylbenzne	0.019	2.174	0.0837	Benzene	0.007	0.740	0.0285
40-78	139	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
1-79	140	0.0001	Cumene	0.000	0.114	0.0000	Ethylbenzne	0.000	0.238	0.0001	Benzene	0.000	0.110	0.0000
1-79	140	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000

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Pt. Source No.	Tank ID No.	Compound 9	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 10	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)
8-78	115		0.000	0.000	0.0000		0.000	0.000	0.000
9-78	116	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
9-78	116		0.000	0.000	0.0000		0.000	0.000	0.000
10-78	117	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
10-78	117		0.000	0.000	0.0000		0.000	0.000	0.000
11-78	118	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
11-78	118		0.000	0.000	0.0000		0.000	0.000	0.000
12-78	119	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
12-78	119		0.000	0.000	0.0000		0.000	0.000	0.000
13-78	120	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
13-78	120		0.000	0.000	0.0000		0.000	0.000	0.000
14-78	121	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.000
14-78	121		0.000	0.000	0.0000		0.000	0.000	0.000
15-78	122	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.005
15-78	122		0.000	0.000	0.0000		0.000	0.000	0.000
16-78	123	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.001	0.536	0.005
16-78	123		0.000	0.000	0.0000		0.000	0.000	0.000
17-78	124	Phenanthrene (PAH)	0.000	0.001	0.0000	Hydrogen Sulfide (TAP)	0.010	2.232	0.045
17-78	124		0.000	0.000	0.0000		0.000	0.000	0.000
18-78	125	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.005	1.031	0.021
18-78	125		0.000	0.000	0.0000		0.000	0.000	0.000
19-78	126	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.005	1.031	0.021
19-78	126		0.000	0.000	0.0000		0.000	0.000	0.000
20-78	127	Phenanthrene (PAH)	0.000	0.001	0.0000	Hydrogen Sulfide (TAP)	0.015	2.233	0.064
20-78	127		0.000	0.000	0.0000		0.000	0.000	0.000
27-78	128	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.010	1.452	0.043
27-78	128		0.000	0.000	0.0000		0.000	0.000	0.000
28-78	129	Phenanthrene (PAH)	0.000	0.001	0.0000	Hydrogen Sulfide (TAP)	0.015	2.233	0.066
28-78	129		0.000	0.000	0.0000		0.000	0.000	0.000
31-78	130	Phenanthrene (PAH)	0.000	0.001	0.0000	Hydrogen Sulfide (TAP)	0.015	2.233	0.068
31-78	130		0.000	0.000	0.0000		0.000	0.000	0.000
32-78	131	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.010	1.452	0.045
32-78	131		0.000	0.000	0.0000		0.000	0.000	0.000
33-78	132	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.010	1.452	0.045
33-78	132		0.000	0.000	0.0000		0.000	0.000	0.000
34-78	133	Phenanthrene (PAH)	0.000	0.001	0.0000	Hydrogen Sulfide (TAP)	0.016	2.233	0.069
34-78	133		0.000	0.000	0.0000		0.000	0.000	0.000
35-78	134	Phenanthrene (PAH)	0.000	0.001	0.0000	Hydrogen Sulfide (TAP)	0.015	2.233	0.064
35-78	134		0.000	0.000	0.0000		0.000	0.000	0.000
36-78	135	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.010	1.452	0.045
36-78	135		0.000	0.000	0.0000		0.000	0.000	0.000
37-78	136	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.011	1.453	0.049
37-78	136		0.000	0.000	0.0000		0.000	0.000	0.000
38-78	137	Phenanthrene (PAH)	0.000	0.001	0.0000	Hydrogen Sulfide (TAP)	0.017	2.234	0.076
38-78	137		0.000	0.000	0.0000		0.000	0.000	0.000
39-78	138	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.012	1.453	0.053
39-78	138		0.000	0.000	0.0000		0.000	0.000	0.000
40-78	139	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.013	1.453	0.056
40-78	139		0.000	0.000	0.0000		0.000	0.000	0.000
1-79	140	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.000
1-79	140		0.000	0.000	0.0000		0.000	0.000	0.000

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Pt. Source No.	Tank ID No.	Tank Service	UTM Coordinate mE	UTM Coordinate mN	Constr. Start or Last Modification Date	Annual Operating Hours	Tank Orientation VERT=1 HORIZ=2	Shell Diam "D", (ft)	Shell Height "H_S", (ft)	Shell Length "L", (ft)	Equiv Horiz Diam "D_Z", (ft)	Is Tank Constant Level? (YES/NO)	Liquid Height "H_L", (ft)	Roof Type FLAT CONE or DOME?	Cone Roof Slope "S_R", (ft/ft)	Dome Radius "R_R", (ft)
2-79	141	Diesel w/HAPs				8760	1	13	32	-	-	NO	16	CONE	0.0625	
2-79	141	Vegetable Oil				8760	1	13	32	-	-	NO	16	CONE	0.0625	
3-79	142	Diesel w/HAPs				8760	1	13	32	-	-	NO	16	CONE	0.0625	
3-79	142	Vegetable Oil				8760	1	13	32	-	-	NO	16	CONE	0.0625	
4-79	143	Diesel w/HAPs				8760	1	13	32	-	-	NO	16	CONE	0.0625	
4-79	143	Vegetable Oil				8760	1	13	32	-	-	NO	16	CONE	0.0625	
20-93	MV1	Gasoline				8760	2	4	10	10	7.14	NO	0	DOME		2
1-78	108	Diesel w/HAPs				8760	1	22	30	-	-	NO	15	CONE	0.0625	
1-78	108	Vegetable Oil				8760	1	22	30	-	-	NO	15	CONE	0.0625	
3-78	110	Diesel w/HAPs				8760	1	27	30	-	-	NO	15	CONE	0.0625	
3-78	110	Vegetable Oil				8760	1	27	30	-	-	NO	15	CONE	0.0625	
4-78	111	Diesel w/HAPs				8760	1	35	30	-	-	NO	15	CONE	0.0625	
4-78	111	Vegetable Oil				8760	1	35	30	-	-	NO	15	CONE	0.0625	
5-82	A1	Diesel				8760	2	10	21	21	16.35	NO	0	DOME		5
6-82	A2	Diesel				8760	2	10	21	21	16.35	NO	0	DOME		5
7-82	A3	Diesel				8760	2	10	21	21	16.35	NO	0	DOME		5
8-82	A4	Diesel				8760	2	10	21	21	16.35	NO	0	DOME		5
9-82	H1	Diesel				8760	2	10	21	21	16.35	NO	0	DOME		5
10-82	H2	Diesel				8760	2	10	21	21	16.35	NO	0	DOME		5
7-86	H7	Diesel				8760	2	18	16	16	19.15	NO	0	DOME		9
6-86	H8	Diesel				8760	2	18	16	16	19.15	NO	0	DOME		9
2-86	B-1	Diesel				8760	2	12	12	12	13.54	NO	0	DOME		6
1-05	801	heavy fuel oil				8760	1	104	40	-	-	NO	20	CONE	0.0625	
1-05	801	AGO/VGO				8760	1	104	40	-	-	NO	20	CONE	0.0625	
2-05	802	heavy fuel oil				8760	1	104	40	-	-	NO	20	CONE	0.0625	
2-05	802	AGO/VGO				8760	1	104	40	-	-	NO	20	CONE	0.0625	
3-05	803	heavy fuel oil				8760	1	104	40	-	-	NO	20	CONE	0.0625	
3-05	803	AGO/VGO				8760	1	104	40	-	-	NO	20	CONE	0.0625	
4-05	804	heavy fuel oil				8760	1	104	40	-	-	NO	20	CONE	0.0625	
4-05	804	AGO/VGO				8760	1	104	40	-	-	NO	20	CONE	0.0625	
5-05	806	heavy fuel oil				8760	1	134	40	-	-	NO	20	CONE	0.0625	
5-05	806	AGO/VGO				8760	1	134	40	-	-	NO	20	CONE	0.0625	

Pt. Source No.	Tank ID No.	Vapor Space Outage "H_{VO}", (ft)	Maximum Annual Throughput Q, (gals)	Turnovers "N"	Maximum Fill Rate (gals/min)	Will Tank Have Breather Vents? (YES/NO)	Breather Vent Pressure Setting "P_{BP}", psig	Breather Vent Vacuum Setting "P_{BV}", psig	Tank Shell Color	Tank Roof Color	Tank Paint Cond GOOD/ POOR	Paint Factor "α"	Does Tank Vent to Control Device (If YES, type)	Control Device Efficiency (%)
2-79	141	16.14	95,312	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
2-79	141	16.14	476,562	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
3-79	142	16.14	95,312	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
3-79	142	16.14	476,562	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
4-79	143	16.14	95,312	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
4-79	143	16.14	476,562	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
20-93	MV1	2.00	11,280	12.0	50	yes	0.03	-0.03	Alum	Alum	GOOD	0.6	No	0
1-78	108	15.23	255,905	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
1-78	108	15.23	1,279,526	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
3-78	110	15.28	385,444	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
3-78	110	15.28	1,927,219	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
4-78	111	15.36	647,694	3.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
4-78	111	15.36	3,238,469	15.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
5-82	A1	5.00	37,011	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0
6-82	A2	5.00	37,011	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0
7-82	A3	5.00	37,011	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0
8-82	A4	5.00	37,011	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0
9-82	H1	5.00	37,011	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0
10-82	H2	5.00	37,011	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0
7-86	H7	9.00	91,364	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0
6-86	H8	9.00	91,364	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0
2-86	B-1	6.00	30,455	3.0	50	NO	0	0	Alum	Alum	GOOD	0.6	No	0

1-05	801	21.08	10,166,648	4.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
1-05	801	21.08	30,499,943	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
2-05	802	21.08	10,166,648	4.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
2-05	802	21.08	30,499,943	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
3-05	803	21.08	10,166,648	4.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
3-05	803	21.08	30,499,943	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
4-05	804	21.08	10,166,648	4.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
4-05	804	21.08	30,499,943	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
5-05	806	21.40	16,877,989	4.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0
5-05	806	21.40	50,633,966	12.0	10500	NO	0	0	Alum	Alum	GOOD	0.6	No	0

TOTAL:	2,104,766,868				
	gals	bbls	2005	2006/2007	% increase
Hot cutter:	3,198,814	76,162	0		
Diesel/cutter	31,192,473	742,678	625,927	508,846	46.0%
6 oil	796,839,140	18,972,360	19,149,585	19,484,084	-2.6%
AGO/VGO	172,633,738	4,110,327	0	0	
Vegetable Oil	1,100,891,422	26,211,701	7,579,574	113,532	22988%

Pt. Source No.	Tank ID No.	Modelled Tank Contents Compound 1	Wt. %	Mol. Wt.	Mole Fract.	Antoine Cons A	B	C	Tank Contents Compound 2	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	B	C	Tank Contents Compound 3	Wt. %
2-79	141	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
2-79	141	Vegetable Oil	100	250	1												
3-79	142	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
3-79	142	Vegetable Oil	100	250	1												
4-79	143	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
4-79	143	Vegetable Oil	100	250	1												
20-93	MV1	Gasoline	65.3	62	0.74843931				Benzene	1.8	78.11	0.016331981	6.905	1211.033	220.790	n-hexane	1
1-78	108	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
1-78	108	Vegetable Oil	100	250	1												
3-78	110	Diesel w/HAPs	98.66	130	0.98664374				Naphthalene	0.5	128.16	0.005072128	6.818	1585.86	184.82	Xylene	0.2
3-78	110	Vegetable Oil	100	250	1												
4-78	111	Diesel w/HAPs	95.18	130	0.95402913				Naphthalene	3	128.16	0.030502718	6.818	1585.86	184.82	Xylene	0.2
4-78	111	Vegetable Oil	100	250	1												
5-82	A1	Diesel	100	130	1					0	1	0					0
6-82	A2	Diesel	100	130	1					0	1	0					0
7-82	A3	Diesel	100	130	1					0	1	0					0
8-82	A4	Diesel	100	130	1					0	1	0					0
9-82	H1	Diesel	100	130	1					0	1	0					0
10-82	H2	Diesel	100	130	1					0	1	0					0
7-86	H7	Diesel	100	130	1					0	1	0					0
6-86	H8	Diesel	100	130	1					0	1	0					0
2-86	B-1	Diesel	100	130	1					0	1	0					0

1-05	801	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
1-05	801	AGO/VGO	98.66	190	0.98059892				Naphthalene	0.5	128.16	0.007367693	6.818	1585.86	184.82	Xylene	0.2
2-05	802	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
2-05	802	AGO/VGO	98.66	190	0.98059892				Naphthalene	0.5	128.16	0.007367693	6.818	1585.86	184.82	Xylene	0.2
3-05	803	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
3-05	803	AGO/VGO	98.66	190	0.98059892				Naphthalene	0.5	128.16	0.007367693	6.818	1585.86	184.82	Xylene	0.2
4-05	804	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
4-05	804	AGO/VGO	98.66	190	0.98059892				Naphthalene	0.5	128.16	0.007367693	6.818	1585.86	184.82	Xylene	0.2
5-05	806	heavy fuel oil	98.66	230	0.97661001				Naphthalene	0.5	128.16	0.008882506	6.818	1585.86	184.82	Xylene	0.2
5-05	806	AGO/VGO	98.66	190	0.98059892				Naphthalene	0.5	128.16	0.007367693	6.818	1585.86	184.82	Xylene	0.2

Pt. Source No.	Tank ID No.	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Tank Contents Compound 4	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Tank Contents Compound 5	Wt. %	Mol. Wt.	Mole Fract.	Ant A
2-79	141	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
2-79	141																	
3-79	142	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
3-79	142																	
4-79	143	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
4-79	143																	
20-93	MV1	86.17	0.00822464	6.876	1171.17	224.41	Isooctane	4	144.22	0.0197				Xylene	7	106.17	0.046727144	7.009
1-78	108	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
1-78	108																	
3-78	110	106.17	0.00244907	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282229	6.954
3-78	110																	
4-78	111	106.17	0.0024547	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0042	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000282878	6.954
4-78	111																	
5-82	A1	1	0					0	1	0					0	1	0	
6-82	A2	1	0					0	1	0					0	1	0	
7-82	A3	1	0					0	1	0					0	1	0	
8-82	A4	1	0					0	1	0					0	1	0	
9-82	H1	1	0					0	1	0					0	1	0	
10-82	H2	1	0					0	1	0					0	1	0	
7-86	H7	1	0					0	1	0					0	1	0	
6-86	H8	1	0					0	1	0					0	1	0	
2-86	B-1	1	0					0	1	0					0	1	0	

1-05	801	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
1-05	801	106.17	0.00355748	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0061	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000409961	6.954
2-05	802	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
2-05	802	106.17	0.00355748	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0061	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000409961	6.954
3-05	803	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
3-05	803	106.17	0.00355748	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0061	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000409961	6.954
4-05	804	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
4-05	804	106.17	0.00355748	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0061	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000409961	6.954
5-05	806	106.17	0.0042889	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0074	7.25	1998.73	202.73	Toluene	0.02	92.13	0.00049425	6.954
5-05	806	106.17	0.00355748	7.009	1462.226	215.11	Biphenyl	0.5	154.2	0.0061	7.25	1998.73	202.73	Toluene	0.02	92.13	0.000409961	6.954

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Pt. Source No.	Tank ID No.	oine Constants		Tank Contents				Antoine Constants			Tank Contents				Antoine Constants			Tank Contents
		B	C	Compound 6	Wt. %	Mol. Wt.	Mole Fract.	A	B	C	Compound 7	Wt. %	Mol. Wt.	Mole Fract.	A	B	C	Compound 8
2-79	141	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
2-79	141																	
3-79	142	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
3-79	142																	
4-79	143	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
4-79	143																	
20-93	MV1	1462.226	215.11	Toluene	7	92.13	0.054	6.954	1344.8	219.48	MTBE	12	88.15	0.096				Ethylbenzene
1-78	108	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
1-78	108																	
3-78	110	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
3-78	110																	
4-78	111	1344.8	219.48	Cumene	0.05	120.2	5E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	6E-04	6.95719	1424.255	213.21	Benzene
4-78	111																	
5-82	A1				0	1	0					0	1	0				
6-82	A2				0	1	0					0	1	0				
7-82	A3				0	1	0					0	1	0				
8-82	A4				0	1	0					0	1	0				
9-82	H1				0	1	0					0	1	0				
10-82	H2				0	1	0					0	1	0				
7-86	H7				0	1	0					0	1	0				
6-86	H8				0	1	0					0	1	0				
2-86	B-1				0	1	0					0	1	0				

1-05	801	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
1-05	801	1344.8	219.48	Cumene	0.05	120.2	8E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	9E-04	6.95719	1424.255	213.21	Benzene
2-05	802	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
2-05	802	1344.8	219.48	Cumene	0.05	120.2	8E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	9E-04	6.95719	1424.255	213.21	Benzene
3-05	803	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
3-05	803	1344.8	219.48	Cumene	0.05	120.2	8E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	9E-04	6.95719	1424.255	213.21	Benzene
4-05	804	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
4-05	804	1344.8	219.48	Cumene	0.05	120.2	8E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	9E-04	6.95719	1424.255	213.21	Benzene
5-05	806	1344.8	219.48	Cumene	0.05	120.2	9E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	0.001	6.95719	1424.255	213.21	Benzene
5-05	806	1344.8	219.48	Cumene	0.05	120.2	8E-04	6.936	1460.793	207.78	Ethylbenzne	0.05	106.17	9E-04	6.95719	1424.255	213.21	Benzene

Pt. Source No.	Tank ID No.	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Tank Contents Compound 9	Wt. %	Mol. Wt.	Mole Fract.	Antoine Constants A	Antoine Constants B	Antoine Constants C	Daily Avg. Liq. Surface Temp "T_{LA}" deg R	Daily Max. Liq. Surface Temp "T_{LX}", deg R	Daily Min. Liq. Surface Temp "T_{LN}", deg R
															Degrees R = Degrees F + 459.67		
2-79	141	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
2-79	141														536.3	545.8	526.8
3-79	142	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
3-79	142														536.3	545.8	526.8
4-79	143	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
4-79	143														536.3	545.8	526.8
20-93	MV1	1.4	106.17	0.009	6.975	1424.255	213.21	Cumene	0.5	120.2	0.003	6.94	1460.79	207.78	536.3	545.8	526.8
1-78	108	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
1-78	108														536.3	545.8	526.8
3-78	110	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	1E-04	7.26	2379.04	203.76	536.3	545.8	526.8
3-78	110														536.3	545.8	526.8
4-78	111	0.0023	78.11	4E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	1	178.23	0.007	7.26	2379.04	203.76	536.3	545.8	526.8
4-78	111														536.3	545.8	526.8
5-82	A1	0	1	0					0	1	0				536.3	545.8	526.8
6-82	A2	0	1	0					0	1	0				536.3	545.8	526.8
7-82	A3	0	1	0					0	1	0				536.3	545.8	526.8
8-82	A4	0	1	0					0	1	0				536.3	545.8	526.8
9-82	H1	0	1	0					0	1	0				536.3	545.8	526.8
10-82	H2	0	1	0					0	1	0				536.3	545.8	526.8
7-86	H7	0	1	0					0	1	0				536.3	545.8	526.8
6-86	H8	0	1	0					0	1	0				536.3	545.8	526.8
2-86	B-1	0	1	0					0	1	0				536.3	545.8	526.8

1-05	801	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
1-05	801	0.0023	78.11	6E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	2E-04	7.26	2379.04	203.76	590.0	600.0	580.0
2-05	802	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
2-05	802	0.0023	78.11	6E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	2E-04	7.26	2379.04	203.76	590.0	600.0	580.0
3-05	803	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
3-05	803	0.0023	78.11	6E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	2E-04	7.26	2379.04	203.76	590.0	600.0	580.0
4-05	804	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
4-05	804	0.0023	78.11	6E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	2E-04	7.26	2379.04	203.76	590.0	600.0	580.0
5-05	806	0.0023	78.11	7E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	3E-04	7.26	2379.04	203.76	590.0	600.0	580.0
5-05	806	0.0023	78.11	6E-05	6.905	1211.033	220.79	Phenanthrene (PAH)	0.02	178.23	2E-04	7.26	2379.04	203.76	590.0	600.0	580.0

Pt. Source No.	Tank ID No.	P.Press of Comp 1 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 2 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 4 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Avg. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Avg. Liq. Surface Temp psia	Vap. Press. Daily Avg. Liq. Surface Temp "P_{VA}" psia	Mol. Wt. Of Vapor @ Daily Avg. Liq. Surface Temp "M_V"	P.Press of Comp 1 @ Daily Max. Liq. Surface Temp psia
2-79	141	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
2-79	141	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
3-79	142	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
3-79	142	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
4-79	143	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
4-79	143	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
20-93	MV1	6.2000	0.029520476	0.023713116	0.000380199	0.007345149	0.029027466	0.001866103	0.001753697	0.000255141	6.294	62	7.4000
1-78	108	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
1-78	108	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
3-78	110	0.0101	1.73122E-05	0.000384975	2.34717E-06	0.000152139	4.68038E-05	0.000110277	6.91956E-05	1.96886E-09	0.011	128	0.0135
3-78	110	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
4-78	111	0.0100	0.000104112	0.00038586	2.35256E-06	0.000152489	4.69113E-05	0.000110531	6.93546E-05	9.86692E-08	0.011	128	0.0134
4-78	111	0.0013	0	0	0	0	0	0	0	0	0.001	250	0.0018
5-82	A1	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146
6-82	A2	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146
7-82	A3	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146
8-82	A4	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146
9-82	H1	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146
10-82	H2	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146
7-86	H7	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146
6-86	H8	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146
2-86	B-1	0.0109	0	0	0	0	0	0	0	0	0.011	130	0.0146

1-05	801	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
1-05	801	0.0349	0.000220684	0.002642667	3.56139E-05	0.000878747	0.000352298	0.000743927	0.00034406	4.55914E-08	0.040	179	0.0427
2-05	802	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
2-05	802	0.0349	0.000220684	0.002642667	3.56139E-05	0.000878747	0.000352298	0.000743927	0.00034406	4.55914E-08	0.040	179	0.0427
3-05	803	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
3-05	803	0.0349	0.000220684	0.002642667	3.56139E-05	0.000878747	0.000352298	0.000743927	0.00034406	4.55914E-08	0.040	179	0.0427
4-05	804	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
4-05	804	0.0349	0.000220684	0.002642667	3.56139E-05	0.000878747	0.000352298	0.000743927	0.00034406	4.55914E-08	0.040	179	0.0427
5-05	806	0.0138	0.000266057	0.003186004	4.29362E-05	0.001059419	0.000424731	0.00089688	0.000414799	5.49651E-08	0.020	190	0.0173
5-05	806	0.0349	0.000220684	0.002642667	3.56139E-05	0.000878747	0.000352298	0.000743927	0.00034406	4.55914E-08	0.040	179	0.0427

Pt. Source No.	Tank ID No.	P.Press of Comp 2 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 4 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Max. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Max. Liq. Surface Temp psia	Vap. Press. Daily Max. Liq. Surface Temp "P_X", psia	P.Press of Comp 1 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 2 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 3 @ Daily Min. Liq. Surface Temp psia
2-79	141	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
2-79	141	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
3-79	142	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
3-79	142	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
4-79	143	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
4-79	143	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
20-93	MV1	0.037494077	0.029685312	0.000380199	0.009938574	0.037961725	0.001866103	0.00236536	0.000351793	7.520	5.7000	0.022999873	0.018759147
1-78	108	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
1-78	108	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
3-78	110	2.65689E-05	0.000520902	3.71448E-06	0.000198965	6.45337E-05	0.00014874	8.78856E-05	3.38368E-09	0.015	0.0075	1.10337E-05	0.000280672
3-78	110	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
4-78	111	0.00015978	0.000522099	3.72302E-06	0.000199423	6.4682E-05	0.000149082	8.80676E-05	1.69573E-07	0.015	0.0075	6.63542E-05	0.000281317
4-78	111	0	0	0	0	0	0	0	0	0.002	0.0009	0	0
5-82	A1	0	0	0	0	0	0	0	0	0.015	0.0081	0	0
6-82	A2	0	0	0	0	0	0	0	0	0.015	0.0081	0	0
7-82	A3	0	0	0	0	0	0	0	0	0.015	0.0081	0	0
8-82	A4	0	0	0	0	0	0	0	0	0.015	0.0081	0	0
9-82	H1	0	0	0	0	0	0	0	0	0.015	0.0081	0	0
10-82	H2	0	0	0	0	0	0	0	0	0.015	0.0081	0	0
7-86	H7	0	0	0	0	0	0	0	0	0.015	0.0081	0	0
6-86	H8	0	0	0	0	0	0	0	0	0.015	0.0081	0	0
2-86	B-1	0	0	0	0	0	0	0	0	0.015	0.0081	0	0

1-05	801	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
1-05	801	0.000312017	0.003400842	5.19948E-05	0.001100154	0.000459711	0.000954409	0.000420426	7.12774E-08	0.049	0.0284	0.000153537	0.002031832
2-05	802	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
2-05	802	0.000312017	0.003400842	5.19948E-05	0.001100154	0.000459711	0.000954409	0.000420426	7.12774E-08	0.049	0.0284	0.000153537	0.002031832
3-05	803	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
3-05	803	0.000312017	0.003400842	5.19948E-05	0.001100154	0.000459711	0.000954409	0.000420426	7.12774E-08	0.049	0.0284	0.000153537	0.002031832
4-05	804	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
4-05	804	0.000312017	0.003400842	5.19948E-05	0.001100154	0.000459711	0.000954409	0.000420426	7.12774E-08	0.049	0.0284	0.000153537	0.002031832
5-05	806	0.000376168	0.004100063	6.2685E-05	0.001326348	0.000554229	0.001150638	0.000506867	8.59322E-08	0.025	0.0110	0.000185105	0.002449581
5-05	806	0.000312017	0.003400842	5.19948E-05	0.001100154	0.000459711	0.000954409	0.000420426	7.12774E-08	0.049	0.0284	0.000153537	0.002031832

Pt. Source No.	Tank ID No.	P.Press of Comp 4 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 5 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 6 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 7 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 8 @ Daily Min. Liq. Surface Temp psia	P.Press of Comp 9 @ Daily Min. Liq. Surface Temp psia	Vap. Press Daily Min. Liq. Surface Temp "P_{LN}", psia	Vap. Press. Range "DP_V", psia	Vapor Space Volume "V_V", (ft^3)	Vapor Density "W_V", (lb/ft^3)	Vapor Space Expansion Factor "K_E"	Vented Vapor Saturation Factor "K_S"
2-79	141	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	2141.69	0.000	0.071	0.991
2-79	141	0	0	0	0	0	0	0.001	0.001	2141.69	0.000	0.071	0.999
3-79	142	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	2141.69	0.000	0.071	0.991
3-79	142	0	0	0	0	0	0	0.001	0.001	2141.69	0.000	0.071	0.999
4-79	143	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	2141.69	0.000	0.071	0.991
4-79	143	0	0	0	0	0	0	0.001	0.001	2141.69	0.000	0.071	0.999
20-93	MV1	0.000380199	0.005355098	0.011248478	0.001866103	0.001282874	0.000182303	5.762	1.758	80.00	0.068	0.273	0.600
1-78	108	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	5789.10	0.000	0.071	0.991
1-78	108	0	0	0	0	0	0	0.001	0.001	5789.10	0.000	0.071	0.999
3-78	110	1.45117E-06	0.000114962	2.56107E-05	8.06581E-05	5.39109E-05	1.11665E-09	0.008	0.006	8749.35	0.000	0.071	0.991
3-78	110	0	0	0	0	0	0	0.001	0.001	8749.35	0.000	0.071	0.999
4-78	111	1.45451E-06	0.000115227	2.56696E-05	8.08435E-05	5.40348E-05	5.5961E-08	0.008	0.006	14782.45	0.000	0.071	0.991
4-78	111	0	0	0	0	0	0	0.001	0.001	14782.45	0.000	0.071	0.999
5-82	A1	0	0	0	0	0	0	0.008	0.006	1050.00	0.000	0.071	0.997
6-82	A2	0	0	0	0	0	0	0.008	0.006	1050.00	0.000	0.071	0.997
7-82	A3	0	0	0	0	0	0	0.008	0.006	1050.00	0.000	0.071	0.997
8-82	A4	0	0	0	0	0	0	0.008	0.006	1050.00	0.000	0.071	0.997
9-82	H1	0	0	0	0	0	0	0.008	0.006	1050.00	0.000	0.071	0.997
10-82	H2	0	0	0	0	0	0	0.008	0.006	1050.00	0.000	0.071	0.997
7-86	H7	0	0	0	0	0	0	0.008	0.006	2592.00	0.000	0.071	0.995
6-86	H8	0	0	0	0	0	0	0.008	0.006	2592.00	0.000	0.071	0.995
2-86	B-1	0	0	0	0	0	0	0.008	0.006	864.00	0.000	0.071	0.997

1-05	801	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	179099.95	0.001	0.065	0.978
1-05	801	2.39895E-05	0.000695398	0.000216658	0.000573772	0.000279248	2.85943E-08	0.032	0.017	179099.95	0.001	0.066	0.957
2-05	802	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	179099.95	0.001	0.065	0.978
2-05	802	2.39895E-05	0.000695398	0.000216658	0.000573772	0.000279248	2.85943E-08	0.032	0.017	179099.95	0.001	0.066	0.957
3-05	803	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	179099.95	0.001	0.065	0.978
3-05	803	2.39895E-05	0.000695398	0.000216658	0.000573772	0.000279248	2.85943E-08	0.032	0.017	179099.95	0.001	0.066	0.957
4-05	804	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	179099.95	0.001	0.065	0.978
4-05	804	2.39895E-05	0.000695398	0.000216658	0.000573772	0.000279248	2.85943E-08	0.032	0.017	179099.95	0.001	0.066	0.957
5-05	806	2.89218E-05	0.000838374	0.000261203	0.00069174	0.000336663	3.44733E-08	0.016	0.010	301736.83	0.001	0.065	0.978
5-05	806	2.39895E-05	0.000695398	0.000216658	0.000573772	0.000279248	2.85943E-08	0.032	0.017	301736.83	0.001	0.066	0.956

Pt. Source No.	Tank ID No.	Standing Storage Loss extra "L_S", (lbs/yr)	Vapor Molecular Weight "M_V", (lb/lb-mole)	Vap. Press. Daily Avg. Liq. Surface Temp. "P_{VA}", (psia)	Maximum Annual Throughput "Q", (bbls.)	Turnover Factor "K_N"	Working Loss Product Factor "K_P"	Working Loss "L_W", (lbs/yr)		Avg Hourly Rate (lbs/hr)	Max Hourly Rate (lbs/hr)	Total Loss (lbs/yr)	Total Loss (tns/yr)
2-79	141	13.4	130	0.011	2,269	1	1	3.2		0.002	28.384	17	0.008
2-79	141	3.1	250	0.001	11,347	1	1	3.6		0.001	6.564	7	0.003
3-79	142	13.4	130	0.011	2,269	1	1	3.2		0.002	28.384	17	0.008
3-79	142	3.1	250	0.001	11,347	1	1	3.6		0.001	6.564	7	0.003
4-79	143	13.4	130	0.011	2,269	1	1	3.2		0.002	28.384	17	0.008
4-79	143	3.1	250	0.001	11,347	1	1	3.6		0.001	6.564	7	0.003
20-93	MV1	325.9	62	6.294	269	1	1	104.8		0.049	33.340	431	0.215
1-78	108	36.2	130	0.011	6,093	1	1	8.6		0.005	28.386	45	0.022
1-78	108	8.3	250	0.001	30,465	1	1	9.8		0.002	6.564	18	0.009
3-78	110	54.7	130	0.011	9,177	1	1	13.0		0.008	28.388	68	0.034
3-78	110	12.6	250	0.001	45,886	1	1	14.7		0.003	6.565	27	0.014
4-78	111	92.5	130	0.011	15,421	1	1	21.9		0.013	28.393	114	0.057
4-78	111	21.3	250	0.001	77,106	1	1	24.7		0.005	6.566	46	0.023
5-82	A1	6.7	130	0.011	881	1	1	1.3		0.001	0.136	8	0.004
6-82	A2	6.7	130	0.011	881	1	1	1.3		0.001	0.136	8	0.004
7-82	A3	6.7	130	0.011	881	1	1	1.3		0.001	0.136	8	0.004
8-82	A4	6.7	130	0.011	881	1	1	1.3		0.001	0.136	8	0.004
9-82	H1	6.7	130	0.011	881	1	1	1.3		0.001	0.136	8	0.004
10-82	H2	6.7	130	0.011	881	1	1	1.3		0.001	0.136	8	0.004
7-86	H7	16.5	130	0.011	2,175	1	1	3.1		0.002	0.137	20	0.010
6-86	H8	16.5	130	0.011	2,175	1	1	3.1		0.002	0.137	20	0.010
2-86	B-1	5.5	130	0.011	725	1	1	1.0		0.001	0.136	6.5	0.003
1-05	801	502.9	230	0.020	242,063	1	1	1120.2		0.185	87.547	1623	0.812
1-05	801	929.6	190	0.040	726,189	1	1	5540.5		0.739	140.991	6470	3.235
2-05	802	502.9	230	0.020	242,063	1	1	1120.2		0.185	87.547	1623	0.812
2-05	802	929.6	190	0.040	726,189	1	1	5540.5		0.739	140.991	6470	3.235
3-05	803	502.9	230	0.020	242,063	1	1	1120.2		0.185	87.547	1623	0.812
3-05	803	929.6	190	0.040	726,189	1	1	5540.5		0.739	140.991	6470	3.235
4-05	804	502.9	230	0.020	242,063	1	1	1120.2		0.185	87.547	1623	0.812
4-05	804	929.6	190	0.040	726,189	1	1	5540.5		0.739	140.991	6470	3.235
5-05	806	847.1	230	0.020	401,857	1	1	1859.7		0.309	87.587	2707	1.353
5-05	806	1565.1	190	0.040	1,205,571	1	1	9198.0		1.229	141.063	10763	5.382

TOTAL:	77.49
Hot cutter:	0.341
Diesel/cutter	2.791
6 oil	60.419
AGO/VGO	18.322
Vegetable Oil	22.038

Pt. Source No.	Tank ID No.	Total Loss Comp 1 (lbs/yr)	Total Loss Comp2 (lbs/yr)	Total Loss Comp 3 (lbs/yr)	Total Loss Comp 4 (lbs/yr)	Total Loss Comp 5 (lbs/yr)	Total Loss Comp 6 (lbs/yr)	Total Loss Comp 7 (lbs/yr)	Total Loss Comp 8 (lbs/yr)	Total Loss Comp 9 (lbs/yr)	Compound 1	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 2
2-79	141	15.661	0.026	0.486	0.004	0.167	0.067	0.139	0.064	0.000	Diesel w/HAPs	0.002	26.754	0.0078	Naphthalene
2-79	141	6.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.001	6.564	0.0034	
3-79	142	15.661	0.026	0.486	0.004	0.167	0.067	0.139	0.064	0.000	Diesel w/HAPs	0.002	26.754	0.0078	Naphthalene
3-79	142	6.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.001	6.564	0.0034	
4-79	143	15.661	0.026	0.486	0.004	0.167	0.067	0.139	0.064	0.000	Diesel w/HAPs	0.002	26.754	0.0078	Naphthalene
4-79	143	6.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.001	6.564	0.0034	
20-93	MV1	421.691	2.530	2.242	0.060	0.855	2.934	0.180	0.204	0.034	Gasoline	0.048	32.641	0.2108	Benzene
1-78	108	42.294	0.071	1.313	0.012	0.450	0.181	0.376	0.174	0.000	Diesel w/HAPs	0.005	26.757	0.0211	Naphthalene
1-78	108	18.104	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.002	6.564	0.0091	
3-78	110	63.878	0.108	1.982	0.018	0.680	0.273	0.568	0.262	0.000	Diesel w/HAPs	0.007	26.759	0.0319	Naphthalene
3-78	110	27.311	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.003	6.565	0.0137	
4-78	111	106.868	1.092	3.354	0.030	1.150	0.462	0.961	0.443	0.001	Diesel w/HAPs	0.012	26.532	0.0534	Naphthalene
4-78	111	46.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Vegetable Oil	0.005	6.566	0.0230	
5-82	A1	7.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.001	0.136	0.0040	
6-82	A2	7.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.001	0.136	0.0040	
7-82	A3	7.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.001	0.136	0.0040	
8-82	A4	7.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.001	0.136	0.0040	
9-82	H1	7.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.001	0.136	0.0040	
10-82	H2	7.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.001	0.136	0.0040	
7-86	H7	19.620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.002	0.137	0.0098	
6-86	H8	19.620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.002	0.137	0.0098	
2-86	B-1	6.549	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Diesel	0.001	0.136	0.0033	

1-05	801	1345.864	14.428	143.127	2.801	41.299	21.602	40.291	13.709	0.004	heavy fuel oil	0.154	72.593	0.6729	Naphthalene
1-05	801	5980.455	25.481	252.773	4.948	72.938	38.151	71.157	24.212	0.007	AGO/VGO	0.683	130.320	2.9902	Naphthalene
2-05	802	1345.864	14.428	143.127	2.801	41.299	21.602	40.291	13.709	0.004	heavy fuel oil	0.154	72.593	0.6729	Naphthalene
2-05	802	5980.455	25.481	252.773	4.948	72.938	38.151	71.157	24.212	0.007	AGO/VGO	0.683	130.320	2.9902	Naphthalene
3-05	803	1345.864	14.428	143.127	2.801	41.299	21.602	40.291	13.709	0.004	heavy fuel oil	0.154	72.593	0.6729	Naphthalene
3-05	803	5980.455	25.481	252.773	4.948	72.938	38.151	71.157	24.212	0.007	AGO/VGO	0.683	130.320	2.9902	Naphthalene
4-05	804	1345.864	14.428	143.127	2.801	41.299	21.602	40.291	13.709	0.004	heavy fuel oil	0.154	72.593	0.6729	Naphthalene
4-05	804	5980.455	25.481	252.773	4.948	72.938	38.151	71.157	24.212	0.007	AGO/VGO	0.683	130.320	2.9902	Naphthalene
5-05	806	2244.346	24.060	238.676	4.672	68.870	36.023	67.189	22.862	0.007	heavy fuel oil	0.256	72.625	1.1222	Naphthalene
5-05	806	9948.574	42.387	420.492	8.230	121.333	63.464	118.371	40.277	0.012	AGO/VGO	1.136	130.387	4.9743	Naphthalene

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Pt. Source No.	Tank ID No.	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 3	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 4	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 5	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)
2-79	141	0.000	0.045	0.0000	Xylene	0.000	0.830	0.0002	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
2-79	141	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
3-79	142	0.000	0.045	0.0000	Xylene	0.000	0.830	0.0002	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
3-79	142	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
4-79	143	0.000	0.045	0.0000	Xylene	0.000	0.830	0.0002	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
4-79	143	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
20-93	MV1	0.000	0.196	0.0013	n-hexane	0.000	0.174	0.0011	Isooctane	0.000	0.005	0.0000	Xylene	0.000	0.066
1-78	108	0.000	0.045	0.0000	Xylene	0.000	0.830	0.0007	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
1-78	108	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
3-78	110	0.000	0.045	0.0001	Xylene	0.000	0.830	0.0010	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.285
3-78	110	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
4-78	111	0.000	0.271	0.0005	Xylene	0.000	0.833	0.0017	Biphenyl	0.000	0.007	0.0000	Toluene	0.000	0.286
4-78	111	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
5-82	A1	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
6-82	A2	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
7-82	A3	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
8-82	A4	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
9-82	H1	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
10-82	H2	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
7-86	H7	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
6-86	H8	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000
2-86	B-1	0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000

1-05	801	0.002	0.778	0.0072	Xylene	0.016	7.720	0.0716	Biphenyl	0.000	0.151	0.0014	Toluene	0.005	2.228
1-05	801	0.003	0.555	0.0127	Xylene	0.029	5.508	0.1264	Biphenyl	0.001	0.108	0.0025	Toluene	0.008	1.589
2-05	802	0.002	0.778	0.0072	Xylene	0.016	7.720	0.0716	Biphenyl	0.000	0.151	0.0014	Toluene	0.005	2.228
2-05	802	0.003	0.555	0.0127	Xylene	0.029	5.508	0.1264	Biphenyl	0.001	0.108	0.0025	Toluene	0.008	1.589
3-05	803	0.002	0.778	0.0072	Xylene	0.016	7.720	0.0716	Biphenyl	0.000	0.151	0.0014	Toluene	0.005	2.228
3-05	803	0.003	0.555	0.0127	Xylene	0.029	5.508	0.1264	Biphenyl	0.001	0.108	0.0025	Toluene	0.008	1.589
4-05	804	0.002	0.778	0.0072	Xylene	0.016	7.720	0.0716	Biphenyl	0.000	0.151	0.0014	Toluene	0.005	2.228
4-05	804	0.003	0.555	0.0127	Xylene	0.029	5.508	0.1264	Biphenyl	0.001	0.108	0.0025	Toluene	0.008	1.589
5-05	806	0.003	0.779	0.0120	Xylene	0.027	7.723	0.1193	Biphenyl	0.001	0.151	0.0023	Toluene	0.008	2.229
5-05	806	0.005	0.556	0.0212	Xylene	0.048	5.511	0.2102	Biphenyl	0.001	0.108	0.0041	Toluene	0.014	1.590

Pt. Source No.	Tank ID No.	Annual Emissions (tons/yr)	Compound 6	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 7	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 8	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)
2-79	141	0.0001	Cumene	0.000	0.114	0.0000	Ethylbenzne	0.000	0.238	0.0001	Benzene	0.000	0.110	0.0000
2-79	141	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
3-79	142	0.0001	Cumene	0.000	0.114	0.0000	Ethylbenzne	0.000	0.238	0.0001	Benzene	0.000	0.110	0.0000
3-79	142	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
4-79	143	0.0001	Cumene	0.000	0.114	0.0000	Ethylbenzne	0.000	0.238	0.0001	Benzene	0.000	0.110	0.0000
4-79	143	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
20-93	MV1	0.0004	Toluene	0.000	0.227	0.0015	MTBE	0.000	0.014	0.0001	Ethylbenzene	0.000	0.016	0.0001
1-78	108	0.0002	Cumene	0.000	0.114	0.0001	Ethylbenzne	0.000	0.238	0.0002	Benzene	0.000	0.110	0.0001
1-78	108	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
3-78	110	0.0003	Cumene	0.000	0.114	0.0001	Ethylbenzne	0.000	0.238	0.0003	Benzene	0.000	0.110	0.0001
3-78	110	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
4-78	111	0.0006	Cumene	0.000	0.115	0.0002	Ethylbenzne	0.000	0.239	0.0005	Benzene	0.000	0.110	0.0002
4-78	111	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
5-82	A1	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
6-82	A2	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
7-82	A3	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
8-82	A4	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
9-82	H1	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
10-82	H2	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
7-86	H7	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
6-86	H8	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000
2-86	B-1	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000		0.000	0.000	0.0000

1-05	801	0.0206	Cumene	0.002	1.165	0.0108	Ethylbenzne	0.005	2.173	0.0201	Benzene	0.002	0.739	0.0069
1-05	801	0.0365	Cumene	0.004	0.831	0.0191	Ethylbenzne	0.008	1.551	0.0356	Benzene	0.003	0.528	0.0121
2-05	802	0.0206	Cumene	0.002	1.165	0.0108	Ethylbenzne	0.005	2.173	0.0201	Benzene	0.002	0.739	0.0069
2-05	802	0.0365	Cumene	0.004	0.831	0.0191	Ethylbenzne	0.008	1.551	0.0356	Benzene	0.003	0.528	0.0121
3-05	803	0.0206	Cumene	0.002	1.165	0.0108	Ethylbenzne	0.005	2.173	0.0201	Benzene	0.002	0.739	0.0069
3-05	803	0.0365	Cumene	0.004	0.831	0.0191	Ethylbenzne	0.008	1.551	0.0356	Benzene	0.003	0.528	0.0121
4-05	804	0.0206	Cumene	0.002	1.165	0.0108	Ethylbenzne	0.005	2.173	0.0201	Benzene	0.002	0.739	0.0069
4-05	804	0.0365	Cumene	0.004	0.831	0.0191	Ethylbenzne	0.008	1.551	0.0356	Benzene	0.003	0.528	0.0121
5-05	806	0.0344	Cumene	0.004	1.166	0.0180	Ethylbenzne	0.008	2.174	0.0336	Benzene	0.003	0.740	0.0114
5-05	806	0.0607	Cumene	0.007	0.832	0.0317	Ethylbenzne	0.014	1.551	0.0592	Benzene	0.005	0.528	0.0201

Pt. Source No.	Tank ID No.	Compound 9	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)	Compound 10	Average Emissions (lbs/hr)	Maximum Emissions (lbs/hr)	Annual Emissions (tons/yr)
2-79	141	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.000
2-79	141		0.000	0.000	0.0000		0.000	0.000	0.000
3-79	142	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.000
3-79	142		0.000	0.000	0.0000		0.000	0.000	0.000
4-79	143	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.000
4-79	143		0.000	0.000	0.0000		0.000	0.000	0.000
20-93	MV1	Cumene	0.000	0.003	0.0000	Hydrogen Sulfide (TAP)	0.001	0.653	0.004
1-78	108	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.000
1-78	108		0.000	0.000	0.0000		0.000	0.000	0.000
3-78	110	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.535	0.001
3-78	110		0.000	0.000	0.0000		0.000	0.000	0.000
4-78	111	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.531	0.001
4-78	111		0.000	0.000	0.0000		0.000	0.000	0.000
5-82	A1		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000
6-82	A2		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000
7-82	A3		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000
8-82	A4		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000
9-82	H1		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000
10-82	H2		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000
7-86	H7		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000
6-86	H8		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000
2-86	B-1		0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.000	0.003	0.000

1-05	801	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.003	1.452	0.013
1-05	801	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.014	2.606	0.060
2-05	802	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.003	1.452	0.013
2-05	802	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.014	2.606	0.060
3-05	803	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.003	1.452	0.013
3-05	803	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.014	2.606	0.060
4-05	804	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.003	1.452	0.013
4-05	804	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.014	2.606	0.060
5-05	806	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.005	1.453	0.022
5-05	806	Phenanthrene (PAH)	0.000	0.000	0.0000	Hydrogen Sulfide (TAP)	0.023	2.608	0.099

	Total VOC	Naphthalene	Xylene	Biphenyl	Toluene	Cumene	Ethylbenzne	Benzene	Phenanthrene (PAH)	Hydrogen Sulfide (TAP)	CO	Nox	SO2	PM10	Formaldehyde
Tank Cap	77.27	0.63	5.83	0.13	1.65	0.89	1.64	0.54	0.00	1.32					
Marine Cap	15.95	0.09	0.93	0.02	0.28	0.14	0.27	0.09		0.29					
Truck/Rail Cap	2.75	0.02	0.17	0.01	0.05	0.03	0.05	0.02		0.05					
Tank 20-93	0.215	0.01	0.01		0.01	0.01	0.01			0.01					
Engine Cap	1.3										3.51	16.28	1.08	1.16	
Boiler Cap	0.51										7.76	13.91	49.38	1.39	0.03
Fugitives	1.11	0.01	0.01	0.01						0.02					
	99.11	0.76	6.95	0.17	1.99	1.07	1.97	0.65	0.00	1.69	11.27	30.19	50.46	2.55	0.03

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RTP ENVIRONMENTAL ASSOCIATES, INC.
AIR • WATER • SOLID WASTE CONSULTANTS

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Fax: (504) 472-9963

September 25, 2007

original to IOA
copy to MEG/Gp2/Shannon Pusateri

COPY

Dr. Chuck Carr Brown, Assistant Secretary
Louisiana Department of Environmental Quality
Office of Environmental Services
P.O. Box 4313
Baton Rouge, LA 70821-4313

PER20040002

Dear Dr. Brown:

Replacement Air Permit Application
International Matex Tank Terminals
Gretna, Louisiana
Agency Interest No. 8100
RTPLA Project No. 2000-018-005

RTP Environmental Associates, Inc. is enclosing three copies of a replacement air permit application on behalf of International Matex Tank Terminals (IMTT) for the purpose of obtaining revision to Permit No. 1340-00078-01 for its bulk storage terminal located near Gretna, Louisiana. The facility is a minor source under the New Source Review program, the Part 70 Operating Permit program and the Louisiana and Federal Air Toxics programs.

IMTT submitted an application for permit revision in August 2006, which was revised in March 2007. As a consequence of changes to the expected operations of the proposed facility, it has been necessary to revise and replace the previously submitted documents. Accordingly, this document is intended to revise and completely replace IMTT's prior submittals with regard to this permit revision request.

Please do not hesitate to contact me if you have any questions relating to this request.

Sincerely,

RTP ENVIRONMENTAL ASSOCIATES, INC.

William J. Palermo, P.E.
Principal
e-mail: bpalermo@rtpenv.com

RECEIVED
SEP 25 2007
LDEQ

Encs.

c: Ms. Ridgely Myers, IMTT (w/ 2 enc)
Mr. Rusty Walker, IMTT (w/ enc)

\\Rtpla\d\2000-018\005 Gretna\Permit modification 9-07\Cover Letter 9-25-07.doc