

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 **Premises:** 519 **Client:** 8494 **Reporting Period:** 2023
Site Name: Buckeye PT Terminals, L.P. (Waterfront Terminal) **Title V Number:** 262

Site Address

Address Line 1: 280 WATERFRONT ST
Address Line 2:
City: NEW HAVEN **State:** Connecticut **ZIP Code:** 06512

GPLPE: **Latitude/Longitude:** 41.291137, -72.902853
SIC: (4226) SPECIAL WAREHOUSING & STORAGE, NEC **Subject to 3c:** No
NAICS Sector: (493190) Other warehousing and storage.
NAICS Sub-Sector: Other warehousing and storage.

Company Contact

First Name: Frances **Last Name:** Lindsley-Matthews
Company: Buckeye PT Terminals, L.P. **Type:** Primary Site Contact **Title:** Senior Specialist, Air Compliance
Address Line 1: 380 Maurer Road
Address Line 2:
City: Perth Amboy **State:** New Jersey **ZIP Code:** 08861
Telephone: (732) 738-2065 **Ext:** **Fax:**
Mobile: **Email:** FLindsley-Matthews@buckeye.com

Owner

Name: BUCKEYE TERMINALS, LLC
Address Line 1: 5 TEK PARK
Address Line 2: 9999 HAMILTON BLVD.
City: BREINIGSVILLE **State:** Pennsylvania **ZIP Code:** 18031
Telephone: (610) 904-4000

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Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Site Emissions

Criteria Air Pollutants (CAP)

Pollutant	Actual Emission Amt (tons/yr)
Volatile organic compounds (VOC)	40.958510273053831
Nitrogen oxides (NOx)	0.074928
Carbon monoxide (CO)	0.018732
PM10, primary	0.01408646
PM10, filterable	0.00921614
PM2.5, primary	0.00719309
PM2.5, filterable	0.00230404
PM, condensable	0.00487032
Sulfur Dioxide (SO2)	0.00080697
Lead	0.0000045
Ammonia	0.00299712

Photo Chemically Reactive VOC HAPS

Pollutant	Actual Emission Amt (lbs/yr)
1,3-Butadiene	0.0
2,2,4-Trimethylpentane	420.61459841836
Acetaldehyde	0.0
Acrolein	0.0
Benzene	371.568074329984
Ethylbenzene	60.024078008444
Formaldehyde	0.0
Isomers of xylene	0.0
Isopropylbenzene	8.192590737226
N-Hexane	321.490179394154
o-Xylene	580.306906021384
Toluene	612.227935792678

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Site Emissions

PM HAPS

Pollutant	Actual Emission Amt (lbs/yr)
Mercury	0.0

PM - VOC HAPS

Pollutant	Actual Emission Amt (lbs/yr)
Acenaphthene	0.0
Acenaphthylene	0.0
Anthracene	0.0
Benzo (a) anthracene	0.0
Benzo (a) pyrene	0.0
Benzo (b) fluoranthene	0.0
Benzo (g,h,i) perylene	0.0
Benzo (k) fluoranthene	0.0
Chrysene	0.0
Dibenzo(a,h) anthracene	0.0
Fluoranthene	0.0
Fluorene	0.0
Indeno(1,2,3-cd)pyrene	0.0
Naphthalene	4.470822109758
Phenanthrene	0.0
Pyrene	0.0

Summer Day Pollutants

Pollutant	Actual Emission Amt (lbs/day)
Volatile organic compounds (VOC)	245.1141509
Nitrogen oxides (NOx)	0.41
Carbon monoxide (CO)	0.1025

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Stack: 1 - STACK # 1			
Stack Number:	1	Stack Name:	STACK # 1
Stack Height:	48.0 ft	Diameter:	75.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(R810) Tank # 202 - Gasoline		

Stack: 2 - STACK # 2			
Stack Number:	2	Stack Name:	STACK # 2
Stack Height:	48.0 ft	Diameter:	120.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(R811) Tank # 215 - Gasoline		

Stack: 3 - STACK # 3			
Stack Number:	3	Stack Name:	STACK # 3
Stack Height:	35.0 ft	Diameter:	48.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(R812) Tank # 209 - Gasoline		

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Stack: 4 - STACK # 4			
Stack Number:	4	Stack Name:	STACK # 4
Stack Height:	48.0 ft	Diameter:	120.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(R813) Tank # 212 - Gasoline		

Stack: 5 - STACK # 5			
Stack Number:	5	Stack Name:	STACK # 5
Stack Height:	35.0 ft	Diameter:	48.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(R814) Tank # 210 - Gasoline		

Stack: 6 - STACK # 6			
Stack Number:	6	Stack Name:	STACK # 6
Stack Height:	10.0 ft	Diameter:	0.2 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Metal Lining
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			2/3/2016 12:00:00 AM
Sources:	(R815) TRUCK LOAD RACK GASLNE & ETHNL		

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Stack: 7 - STACK # 7			
Stack Number:	7	Stack Name:	STACK # 7
Stack Height:	35.0 ft	Diameter:	60.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.288415, -72.901746	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(R979) Tank # 206 - Ethanol		

Stack: 8 - STACK # 8			
Stack Number:	8	Stack Name:	STACK # 8
Stack Height:	48.0 ft	Diameter:	90.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(R1005) Tank # 201 - Ethanol		

Stack: 9 - STACK # 9			
Stack Number:	9	Stack Name:	STACK # 9
Stack Height:	48.0 ft	Diameter:	120.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(R1006) Tank # 214 - Gasoline/ Naphtha		

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Stack: 10 - STACK # 10			
Stack Number:	10	Stack Name:	STACK # 10
Stack Height:	10.0 ft	Diameter:	0.2 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Metal Lining
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E1) TRUCK LOAD RACK - DISTILLATE		

Stack: 11 - STACK # 11			
Stack Number:	11	Stack Name:	STACK # 11
Stack Height:	35.0 ft	Diameter:	48.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E2) TANK #208 -Jet Kerosene		

Stack: 12 - STACK # 12			
Stack Number:	12	Stack Name:	STACK # 12
Stack Height:	48.0 ft	Diameter:	120.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E3) TANK #213-DISTILLATE		

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Stack: 13 - STACK # 13			
Stack Number:	13	Stack Name:	STACK # 13
Stack Height:	48.0 ft	Diameter:	120.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E4) TANK #216-DISTILLATE		

Stack: 14 - STACK # 14			
Stack Number:	14	Stack Name:	STACK # 14
Stack Height:	48.0 ft	Diameter:	120.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E5) TANK #217-DISTILLATE		

Stack: 15 - STACK # 15			
Stack Number:	15	Stack Name:	STACK # 15
Stack Height:	11.0 ft	Diameter:	4.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E6) TANK #1A -FUEL OIL		

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Stack: 19 - STACK # 19			
Stack Number:	19	Stack Name:	STACK # 19
Stack Height:	1.0 ft	Diameter:	1.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Fugitive	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E10) Equipment Fugitives - Product Distribution System		

Stack: 20 - STACK # 20			
Stack Number:	20	Stack Name:	STACK # 20
Stack Height:	1.0 ft	Diameter:	1.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	127000 ACFM
Stack Test Date:			
Sources:	(E11) BOILER		

Stack: 100 - STACK # 100			
Stack Number:	100	Stack Name:	STACK # 100
Stack Height:	48.0 ft	Diameter:	0.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	0.0 ACFM
Exit Direction:	Fugitive	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.292250, -72.902600	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(P384) Tank # 218		

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Stack: 102 - STACK # 102

Stack Number:	102	Stack Name:	STACK # 102
Stack Height:	10.0 ft	Diameter:	0.2 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	86.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E13) Barge Dock Distillate Loading		

Stack: 104 - Fire Pump Stack

Stack Number:	104	Stack Name:	Fire Pump Stack
Stack Height:	1.0 ft	Diameter:	1.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	100.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E18) Fire Pump Engine		

Stack: 105 - Stack 207

Stack Number:	105	Stack Name:	Stack 207
Stack Height:	35.0 ft	Diameter:	45.0 ft
Elevation at Base:	10.0 ft	Minimum Flow at Maximum Capacity:	1.0 ACFM
Exit Direction:	Vertical	Lining:	Other
Stack Temperature:	70.0 °F	Rain Hat:	No
Latitude/Longitude:	41.291137, -72.902853	Maximum Exhaust Flow Rate:	
Stack Test Date:			
Sources:	(E19) Tank #207 - Biodiesel		

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Boiler - BOILER

Name: BOILER
 Point ID: E11 EU Number: EU-38
 Initial Startup Date: 01/01/1990 Shutdown Date:
 Revoked Date: Subject to 3b: No

Source to Stack:

Stack Number	Stack Name	Percent Flow
20	STACK # 20	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%	
Control Name		Control Type		
Uncontrolled		0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency	
0%	0%	100.0%	0%	

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Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 10500205

Fuel & Material Data:

Industry Code: External Combustion - Space Heaters
 Fuel / Process: Commercial/Institutional - Distillate Oil
 Design Capacity: 1.7 MMBTU/Hour
 Max Burner Rating: 0.0 GAL/Hour
 Summer Day Use: 0.0205 E3GAL Distillate Oil (No. 2) /Day ■
 Annual Usage: 7.4928 E3GAL Distillate Oil (No. 2) /Year ■
 Sulfur Content: 0.0015 Percent
 Percent Ash: 0.0 Percent
 Actual Hours per Year Fuel Use:

Hours of Operation:

Actual Hours/Day: 24 Actual Days/Week: 7 Actual Weeks/Year: 52
 Process Start Time:
 Process End Time:
 Seasonal Use: Dec-Feb: 25.0 % Mar-May: 25.0 % Jun-Aug: 25.0 % Sep-Nov: 25.0 %

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10500205 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	EPA EMISSION FACTOR	0.7	0	0.00262248	■
Nitrogen oxides (NOx)	EPA EMISSION FACTOR	20.0	0	0.074928	
Carbon monoxide (CO)	EPA EMISSION FACTOR	5.0	0	0.018732	
PM10, primary	EPA EMISSION FACTOR	3.76	0	0.014086464	
PM10, filterable	EPA EMISSION FACTOR	2.46	0	0.009216144	
PM2.5, primary	EPA EMISSION FACTOR	1.92	0	0.007193088	
PM2.5, filterable	EPA EMISSION FACTOR	0.615	0	0.002304036	
PM, condensable	EPA EMISSION FACTOR	1.3	0	0.00487032	
Sulfur Dioxide (SO2)	EPA EMISSION FACTOR	1.436E2*S	0	0.00080697456	
Lead	EPA EMISSION FACTOR	0.0012	0	0.00000449568	
Ammonia	EPA EMISSION FACTOR	0.8	0	0.00299712	

10500205 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	EPA EMISSION FACTOR	0.7	0	0.01435	■
Nitrogen oxides (NOx)	EPA EMISSION FACTOR	20.0	0	0.41	
Carbon monoxide (CO)	EPA EMISSION FACTOR	5.0	0	0.1025	

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Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Combustion Unit - Fire Pump Engine

Name: Fire Pump Engine
 Point ID: E18 EU Number: EU-40
 Initial Startup Date: Shutdown Date:
 Revoked Date: Subject to 3b: No

Source to Stack:

Stack Number	Stack Name	Percent Flow
104	Fire Pump Stack	100.0 %
Flow Order	Control Name	Control Type
1	No Control	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%	
Control Name		Control Type		
No Control		0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency	
0%	0%	100.0%	0%	

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SCC: 20200102

Fuel & Material Data:

Industry Code: Internal Combustion Engines - Industrial
 Fuel / Process: Distillate Oil (Diesel) - Reciprocating
 Design Capacity: 0.1974 MMBTU/Hour
 Max Burner Rating: 1.44 GAL/Hour
 Summer Day Use: 0.0 E3GAL Distillate Oil (No. 2) /Day ■
 Annual Usage: 0.0 E3GAL Distillate Oil (No. 2) /Year
 Sulfur Content: 0.0015 Percent
 Percent Ash: 0.0 Percent
 Actual Hours per Year Fuel Use: 0.0 Hours/Year ■

Hours of Operation:

Actual Hours/Day: 0 ■ Actual Days/Week: 0 ■ Actual Weeks/Year: 0 ■
 Process Start Time:
 Process End Time:
 Seasonal Use: Dec-Feb: 25.0 % Mar-May: 25.0 % Jun-Aug: 25.0 % Sep-Nov: 25.0 %

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20200102 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)
1,3-Butadiene	ENGINEERING JUDGMENT	0.0	0	0.0

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Acetaldehyde	ENGINEERING JUDGMENT	0.0	0	0.0
Acrolein	ENGINEERING JUDGMENT	0.0	0	0.0
Benzene	ENGINEERING JUDGMENT	0.0	0	0.0
Formaldehyde	ENGINEERING JUDGMENT	0.0	0	0.0
Isomers of xylene	ENGINEERING JUDGMENT	0.0	0	0.0
Toluene	ENGINEERING JUDGMENT	0.0	0	0.0

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20200102 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)
Acenaphthene	ENGINEERING JUDGMENT	0.0	0	0.0
Acenaphthylene	ENGINEERING JUDGMENT	0.0	0	0.0
Anthracene	ENGINEERING JUDGMENT	0.0	0	0.0
Benzo (a) anthracene	ENGINEERING JUDGMENT	0.0	0	0.0
Benzo (a) pyrene	ENGINEERING JUDGMENT	0.0	0	0.0
Benzo (b) fluoranthene	ENGINEERING JUDGMENT	0.0	0	0.0
Benzo (g,h,i) perylene	ENGINEERING JUDGMENT	0.0	0	0.0
Benzo (k) fluoranthene	ENGINEERING JUDGMENT	0.0	0	0.0
Chrysene	ENGINEERING JUDGMENT	0.0	0	0.0
Dibenzo(a,h) anthracene	ENGINEERING JUDGMENT	0.0	0	0.0
Fluoranthene	ENGINEERING JUDGMENT	0.0	0	0.0
Fluorene	ENGINEERING JUDGMENT	0.0	0	0.0
Indeno(1,2,3-cd)pyrene	ENGINEERING JUDGMENT	0.0	0	0.0
Naphthalene	ENGINEERING JUDGMENT	0.0	0	0.0
Phenanthrene	ENGINEERING JUDGMENT	0.0	0	0.0
Pyrene	ENGINEERING JUDGMENT	0.0	0	0.0

20200102 - HAP - PM HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)
Mercury	ENGINEERING JUDGMENT	0.0	0	0.0

20200102 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)
Volatile organic compounds (VOC)	ENGINEERING JUDGMENT	0.0	0	0.0 ■
Nitrogen oxides (NOx)	ENGINEERING JUDGMENT	0.0	0	0.0
Carbon monoxide (CO)	ENGINEERING JUDGMENT	0.0	0	0.0
PM10, primary	ENGINEERING JUDGMENT	0.0	0	0.0
PM10, filterable	ENGINEERING JUDGMENT	0.0	0	0.0
PM2.5, primary	ENGINEERING JUDGMENT	0.0	0	0.0
PM2.5, filterable	ENGINEERING JUDGMENT	0.0	0	0.0
PM, condensable	ENGINEERING JUDGMENT	0.0	0	0.0
Sulfur Dioxide (SO2)	ENGINEERING JUDGMENT	0.0	0	0.0
Lead	No Default EPA Factor	0.0	0	0.0

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Ammonia	No Default EPA Factor	0.0	0	0.0
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20200102 - Summer Day Pollutants				
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)
Volatile organic compounds (VOC)	ENGINEERING JUDGMENT	241.0	0	0.0 ■
Nitrogen oxides (NOx)	ENGINEERING JUDGMENT	0.0	0	0.0
Carbon monoxide (CO)	ENGINEERING JUDGMENT	0.0	0	0.0

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Process - TRUCK LOAD RACK - DISTILLATE

Name: TRUCK LOAD RACK - DISTILLATE
 Point ID: E1 EU Number: EU-11
 Initial Startup Date: 09/30/1958 Shutdown Date:
 Revoked Date: Subject to 3b: No

Source to Stack:

Stack Number	Stack Name	Percent Flow
10	STACK # 10	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%	
Control Name		Control Type		
Uncontrolled		0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency	
0%	0%	100.0%	0%	

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40600135

Fuel & Material Data:

Industry Code: Chemical Evaporation - Transportation and Marketing of Petroleum Products
 Fuel / Process: Tank Cars and Trucks - Distillate Oil: Submerged Loading: Normal Service
 Actual Annual Process Weight Rate: 213201.397 E3GAL Distillate Oil /Year ■
 Summer Day Process Rate: 493.065 E3GAL Distillate Oil /Day ■
 Maximum Process Design Weight: 61.633 GAL/Hour ■
 Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 Actual Days/Week: 7 Actual Weeks/Year: 52
 Process Start Time: 0:00
 Process End Time: 23:59
 Seasonal Use: Dec-Feb: 30.2 % ■ Mar-May: 24.3 % ■ Jun-Aug: 18.0 % ■ Sep-Nov: 27.5 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40600135 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	VENDOR EMISSION FACTOR	0.0	0	0	■
Benzene	VENDOR EMISSION FACTOR	0.000016844	0	3.591164331068	■
Ethylbenzene	VENDOR EMISSION FACTOR	0.000025989	0	5.540891106633	■
Isopropylbenzene	VENDOR EMISSION FACTOR	0.0	0	0	■
N-Hexane	VENDOR EMISSION FACTOR	0.0000033829	0	0.7212390059113	■
o-Xylene	VENDOR EMISSION FACTOR	0.000506387	0	107.962415822639	■
Toluene	VENDOR EMISSION FACTOR	0.000196783	0	41.954410505851	■

40600135 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	VENDOR EMISSION FACTOR	0.000003863	0	0.823596996611	■

40600135 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	MATERIAL BALANCE	0.0085025	0	0.90637243899625	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40600135 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	MATERIAL BALANCE	0.0118011	0	5.8187093715	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Process - Equipment Fugitives - Product Distribution System

Name: Equipment Fugitives - Product Distribution System
 Point ID: E10 EU Number: EU-12
 Initial Startup Date: 01/01/1929 Shutdown Date:
 Revoked Date: Subject to 3b: No

Source to Stack:

Stack Number	Stack Name	Percent Flow
19	STACK # 19	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%
Control Name	Control Type		
Uncontrolled	0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 39999999

Fuel & Material Data:

Industry Code: Industrial Processes - Miscellaneous Manufacturing Industries
 Fuel / Process: Miscellaneous Industrial Processes - Other Not Elsewhere Classified
 Actual Annual Process Weight Rate: 0.3 Tons Product /Year
 Summer Day Process Rate: 0.001 Tons Product /Day
 Maximum Process Design Weight: 0.0 Tons/Hour
 Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 Actual Days/Week: 7 Actual Weeks/Year: 52
 Process Start Time:
 Process End Time:
 Seasonal Use: Dec-Feb: 25.0 % Mar-May: 25.0 % Jun-Aug: 25.0 % Sep-Nov: 25.0 %

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

39999999 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/Tons)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)
2,2,4-Trimethylpentane	VENDOR EMISSION FACTOR	31.96405031	0	9.589215093
Benzene	VENDOR EMISSION FACTOR	27.9528285	0	8.38584855
Ethylbenzene	VENDOR EMISSION FACTOR	2.06432603	0	0.619297809
Isopropylbenzene	VENDOR EMISSION FACTOR	0.34900673	0	0.104702019
N-Hexane	VENDOR EMISSION FACTOR	24.95076339	0	7.485229017
o-Xylene	VENDOR EMISSION FACTOR	9.01532483	0	2.704597449
Toluene	VENDOR EMISSION FACTOR	31.74936069	0	9.524808207

39999999 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/Tons)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)
Naphthalene	VENDOR EMISSION FACTOR	0.0155584	0	0.00466752

39999999 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/Tons)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)
Volatile organic compounds (VOC)	ENGINEERING JUDGMENT	5302.5028	0	0.79537542
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0
PM10, primary	No Default EPA Factor	0.0	0	0.0
PM10, filterable	No Default EPA Factor	0.0	0	0.0
PM2.5, primary	No Default EPA Factor	0.0	0	0.0
PM2.5, filterable	No Default EPA Factor	0.0	0	0.0
PM, condensable	No Default EPA Factor	0.0	0	0.0
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0.0
Lead	No Default EPA Factor	0.0	0	0.0
Ammonia	No Default EPA Factor	0.0	0	0.0

39999999 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/Tons)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)
Volatile organic compounds (VOC)	ENGINEERING JUDGMENT	4358.2214577	0	4.3582214577
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Process - Barge Dock Distillate Loading

Name: Barge Dock Distillate Loading
 Point ID: E13 EU Number: EU-13
 Initial Startup Date: Shutdown Date:
 Revoked Date: Subject to 3b: No

Source to Stack:

Stack Number	Stack Name	Percent Flow
102	STACK # 102	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%
Control Name	Control Type		
Uncontrolled	0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40600251

Fuel & Material Data:

Industry Code: Chemical Evaporation - Transportation and Marketing of Petroleum Products
 Fuel / Process: Marine Vessels - Distillate Oil: Loading Barges
 Actual Annual Process Weight Rate: 511,439 E3GAL Distillate Oil /Year ■
 Summer Day Process Rate: 0.0 E3GAL Distillate Oil /Day ■
 Maximum Process Design Weight: 981120.0 GAL/Hour
 Actual Hours per Year: 0.0 Hours/Year

Hours of Operation:

Actual Hours/Day: Actual Days/Week: Actual Weeks/Year:
 Process Start Time:
 Process End Time:
 Seasonal Use: Dec-Feb: 100.0 % ■ Mar-May: ■ Jun-Aug: 0.0 % Sep-Nov: ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40600251 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Benzene	VENDOR EMISSION FACTOR	0.000013209	0	0.006755597751	■
Ethylbenzene	VENDOR EMISSION FACTOR	0.00002038	0	0.01042312682	■
Isopropylbenzene	VENDOR EMISSION FACTOR	0.0	0	0	■
N-Hexane	VENDOR EMISSION FACTOR	0.0000026528	0	0.0013567453792	■
o-Xylene	VENDOR EMISSION FACTOR	0.000397096	0	0.203090381144	■
Toluene	VENDOR EMISSION FACTOR	0.000154312	0	0.078921174968	■

40600251 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	VENDOR EMISSION FACTOR	0.000003029	0	0.001549148731	■

40600251 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	MATERIAL BALANCE	0.0066675	0	0.00170500976625	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0	
PM10, primary	No Default EPA Factor	0.0	0	0.0	
PM10, filterable	No Default EPA Factor	0.0	0	0.0	
PM2.5, primary	No Default EPA Factor	0.0	0	0.0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0.0	
PM, condensable	No Default EPA Factor	0.0	0	0.0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0.0	
Lead	No Default EPA Factor	0.0	0	0.0	
Ammonia	No Default EPA Factor	0.0	0	0.0	

40600251 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	MATERIAL BALANCE	0.0	0	0.0	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Process - TRUCK LOAD RACK GASLNE & ETHNL

Name: TRUCK LOAD RACK GASLNE & ETHNL
 Point ID: R815 EU Number: EU-10
 Initial Startup Date: 09/30/1958 Shutdown Date:
 Revoked Date: Subject to 3b: No

Source to Stack:

Stack Number	Stack Name	Percent Flow
6	STACK # 6	100.0 %
Flow Order	Control Name	Control Type
1	PRIMARY VOC CONTROL SYSTEM	110 - Vapor Recovery Unit
2	SECONDARY VOC CONTROL SYSTEM	48 - Adsorption - Activated Carbon or other

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 98.911638%	
Control Name	Control Type		
SECONDARY VOC CONTROL SYSTEM	48 - Adsorption - Activated Carbon or other		
PRIMARY VOC CONTROL SYSTEM	110 - Vapor Recovery Unit		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
99.82%	99.09%	100.0%	98.911638%

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40600141

Fuel & Material Data:

Industry Code: Chemical Evaporation - Transportation and Marketing of Petroleum Products
 Fuel / Process: Tank Cars and Trucks - Gasoline: Submerged Loading: Balanced Service
 Actual Annual Process Weight Rate: 363576.177 E3GAL GASOLINE /Year ■
 Summer Day Process Rate: 1183.787 E3GAL GASOLINE /Day ■
 Maximum Process Design Weight: 756.0 GAL/Hour
 Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 Actual Days/Week: 7 Actual Weeks/Year: 52
 Process Start Time: 0:00
 Process End Time: 23:59
 Seasonal Use: Dec-Feb: 26.18 % ■ Mar-May: 24.89 % ■ Jun-Aug: 22.68 % ■ Sep-Nov: 26.25 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40600141 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	VENDOR EMISSION FACTOR	0.03503966	98.91	138.861483325360038	■
Benzene	VENDOR EMISSION FACTOR	0.03064247	98.91	121.435505851165371	■
Ethylbenzene	VENDOR EMISSION FACTOR	0.00226296	98.91	8.968065965992728	■
Isopropylbenzene	VENDOR EMISSION FACTOR	0.000382588	98.91	1.5161887182262284	■
N-Hexane	VENDOR EMISSION FACTOR	0.02735155	98.91	108.393654625865415	■
o-Xylene	VENDOR EMISSION FACTOR	0.00988279	98.91	39.165302368602747	■
Toluene	VENDOR EMISSION FACTOR	0.03480431	98.91	137.928795904859283	■

40600141 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	VENDOR EMISSION FACTOR	0.00001706	98.91	0.067608444417858	■

40600141 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	MATERIAL BALANCE	6.3968195	98.91	12.675234924291330675	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40600141 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	MATERIAL BALANCE	6.3972789	98.91	82.54587000941787	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 218

General Information:

Name:	Tank # 218	EU Number:	EU-9
Point ID:	P384	Shutdown Date:	
Initial Startup Date:	08/05/2022		
Revoked Date:			

Tank Parameters - Dimensions:

Diameter:	148.0 ft	Tank Volume:	5565756.0 gl
Turnovers per Year:		Net Throughput:	
Self Supporting Roof:	No	Number of Columns:	8
Column Diameter:	0.8		

Tank Parameters - Shell Characteristics:

Internal Shell Condition:	Light Rust	External Shell Condition:	Good
External Shell Color:	White/White		

Tank Parameters - Roof Characteristics:

Roof Color/Shade:	White/White	Roof Paint Condition:	Good
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Tank Parameters - Rim-Seal System:

Tank Construction:		Secondary Seal:	Rim Mounted
Primary Seal:	Mechanical Shoe		

Tank Parameters - Deck Characteristics:

Deck Type:	Bolted	Deck Fitting Type:	Detailed
Construction:	Sheet	Deck Seam:	Sheet: 5 ft wide
Deck Seam Length:	3440.6 ft		

Source to Stack:

Stack Number	Stack Name	Percent Flow
100	STACK # 100	100.0 %
Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%	
Control Name	Control Type		
Primary VOC Control	9999 - Control Identified in Assigned SCC		
Secondary VOC Control	95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400162

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
 Fuel / Process: Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
 Actual Annual Process Weight Rate: 121476.284 E3GAL GASOLINE /Year ■
 Summer Day Process Rate: 322.799 E3GAL GASOLINE /Day ■
 Maximum Process Design Weight: 856125.0 GAL/Hour
 Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 Actual Days/Week: 7 Actual Weeks/Year: 52
 Process Start Time:
 Process End Time:
 Seasonal Use: Dec-Feb: 18.62 % ■ Mar-May: 31.7 % ■ Jun-Aug: 24.45 % ■ Sep-Nov: 25.23 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400162 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	50.6267	■
Benzene	TANK MODEL	0	0	42.0918	■
Ethylbenzene	TANK MODEL	0	0	4.8718	■
Isopropylbenzene	TANK MODEL	0	0	1.2207	■
N-Hexane	TANK MODEL	0	0	37.2905	■
o-Xylene	TANK MODEL	0	0	22.618	■
Toluene	TANK MODEL	0	0	53.9809	■

40400162 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.6613	■

40400162 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	4.3621	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400162 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	23.494	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 201 - Ethanol

General Information:

Name: Tank # 201 - Ethanol
 Point ID: R1005
 Initial Startup Date: 01/01/1939
 Revoked Date:
 EU Number: EU-1
 Shutdown Date:

Tank Parameters - Dimensions:

Diameter: 90.0 ft
 Turnovers per Year:
 Self Supporting Roof: No
 Column Diameter: 1.0
 Tank Volume: 2171400.0 gl
 Net Throughput:
 Number of Columns: 6

Tank Parameters - Shell Characteristics:

Internal Shell Condition: Light Rust
 External Shell Color: White/White
 External Shell Condition: Good ■

Tank Parameters - Roof Characteristics:

Roof Color/Shade: White/White
 Roof Paint Condition: Good

Tank Parameters - Rim-Seal System:

Tank Construction:
 Primary Seal: Vapor Mounted
 Secondary Seal: Rim Mounted

Tank Parameters - Deck Characteristics:

Deck Type: Bolted
 Construction: Sheet
 Deck Seam Length: 1272.3 ft
 Deck Fitting Type: Typical
 Deck Seam: Sheet: 5 ft wide

Source to Stack:

Stack Number	Stack Name	Percent Flow
8	STACK # 8	100.0 %
Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%	
Control Name	Control Type		
Primary VOC Control	9999 - Control Identified in Assigned SCC		
Secondary VOC Control	95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400170

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
Fuel / Process: Bulk Terminals - Other Liquids: Breathing Loss - Int. Floating Roof w/ Secondary Seal
Actual Annual Process Weight Rate: 35560.257 E3GAL Liquid /Year ■
Summer Day Process Rate: 100.16 E3GAL Liquid /Day ■
Maximum Process Design Weight: 299745.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 23.96 % ■ **Mar-May:** 23.39 % ■ **Jun-Aug:** 25.91 % ■ **Sep-Nov:** 26.74 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400170 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	0.6675	■
Benzene	TANK MODEL	0	0	0.546	■
Ethylbenzene	TANK MODEL	0	0	0.0704	■
Isopropylbenzene	TANK MODEL	0	0	0.0127	■
N-Hexane	TANK MODEL	0	0	0.4799	■
o-Xylene	TANK MODEL	0	0	0.3291	■
Toluene	TANK MODEL	0	0	0.7287	■

40400170 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.0109	■

40400170 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.4418	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400170 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	4.005	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 214 - Gasoline/ Naphtha

General Information:

Name: Tank # 214 - Gasoline/ Naphtha
 Point ID: R1006 EU Number: EU-7
 Initial Startup Date: 01/01/1951 Shutdown Date:
 Revoked Date:

Tank Parameters - Dimensions:

Diameter: 120.0 ft Tank Volume: 3889200.0 gl
 Turnovers per Year: Net Throughput:
 Self Supporting Roof: No Number of Columns: 7
 Column Diameter: 1.0

Tank Parameters - Shell Characteristics:

Internal Shell Condition: Light Rust
 External Shell Color: White/White External Shell Condition: Good

Tank Parameters - Roof Characteristics:

Roof Color/Shade: White/White Roof Paint Condition: Good

Tank Parameters - Rim-Seal System:

Tank Construction:
 Primary Seal: Vapor Mounted Secondary Seal: Rim Mounted

Tank Parameters - Deck Characteristics:

Deck Type: Bolted Deck Fitting Type: Typical
 Construction: Sheet Deck Seam: Sheet: 5 ft wide
 Deck Seam Length: 2261.9 ft

Source to Stack:

Stack Number	Stack Name	Percent Flow
9	STACK # 9	100.0 %
Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%	
Control Name	Control Type		
Primary VOC Control	9999 - Control Identified in Assigned SCC		
Secondary VOC Control	95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400162

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
Fuel / Process: Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
Actual Annual Process Weight Rate: 89975.021 E3GAL GASOLINE /Year ■
Summer Day Process Rate: 192.792 E3GAL GASOLINE /Day ■
Maximum Process Design Weight: 536873.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 23.87 % ■ **Mar-May:** 24.86 % ■ **Jun-Aug:** 19.71 % ■ **Sep-Nov:** 31.56 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400162 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	94.0403	■
Benzene	TANK MODEL	0	0	80.3623	■
Ethylbenzene	TANK MODEL	0	0	7.5904	■
Isopropylbenzene	TANK MODEL	0	0	1.6853	■
N-Hexane	TANK MODEL	0	0	72.0055	■
o-Xylene	TANK MODEL	0	0	34.5155	■
Toluene	TANK MODEL	0	0	96.3854	■

40400162 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.7024	■

40400162 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	8.1954	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400162 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	44.3	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 202 - Gasoline

General Information:

Name:	Tank # 202 - Gasoline	EU Number:	EU-2
Point ID:	R810	Shutdown Date:	
Initial Startup Date:	01/01/1937		
Revoked Date:			

Tank Parameters - Dimensions:

Diameter:	75.0 ft	Tank Volume:	1572900.0 gl
Turnovers per Year:		Net Throughput:	
Self Supporting Roof:	No	Number of Columns:	1
Column Diameter:	1.0		

Tank Parameters - Shell Characteristics:

Internal Shell Condition:	Dense Rust	External Shell Condition:	Good
External Shell Color:	White/White		

Tank Parameters - Roof Characteristics:

Roof Color/Shade:	White/White	Roof Paint Condition:	Good
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Tank Parameters - Rim-Seal System:

Tank Construction:		Secondary Seal:	None
Primary Seal:	Mechanical Shoe		

Tank Parameters - Deck Characteristics:

Deck Type:	Welded	Deck Fitting Type:	Typical
Construction:		Deck Seam:	
Deck Seam Length:			

Source to Stack:

Stack Number	Stack Name	Percent Flow
1	STACK # 1	100.0 %

Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%		
Control Name		Control Type		
Primary VOC Control		9999 - Control Identified in Assigned SCC		
Secondary VOC Control		95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency	
0%	0%	100.0%	0%	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400162

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
Fuel / Process: Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
Actual Annual Process Weight Rate: 41432.133 E3GAL GASOLINE /Year ■
Summer Day Process Rate: 128.484 E3GAL GASOLINE /Day ■
Maximum Process Design Weight: 217127.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 24.39 % ■ Mar-May: 20.49 % ■ Jun-Aug: 28.53 % ■ Sep-Nov: 26.59 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400162 - HAP - Photo Chemically Reactive VOC HAPS					
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	25.968	■
Benzene	TANK MODEL	0	0	21.1652	■
Ethylbenzene	TANK MODEL	0	0	2.7837	■
Isopropylbenzene	TANK MODEL	0	0	0.7398	■
N-Hexane	TANK MODEL	0	0	18.593	■
o-Xylene	TANK MODEL	0	0	13.066	■
Toluene	TANK MODEL	0	0	28.4497	■

40400162 - HAP - PM - VOC HAPS					
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.4414	■

40400162 - Criteria Air Pollutants (CAP)					
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	2.1725	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400162 - Summer Day Pollutants					
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	12.011	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 215 - Gasoline

General Information:

Name:	Tank # 215 - Gasoline	EU Number:	EU-8
Point ID:	R811	Shutdown Date:	
Initial Startup Date:	01/01/1953		
Revoked Date:			

Tank Parameters - Dimensions:

Diameter:	120.0 ft	Tank Volume:	3998400.0 gl
Turnovers per Year:		Net Throughput:	
Self Supporting Roof:	No	Number of Columns:	7
Column Diameter:	1.0		

Tank Parameters - Shell Characteristics:

Internal Shell Condition:	Light Rust	External Shell Condition:	Good
External Shell Color:	White/White		

Tank Parameters - Roof Characteristics:

Roof Color/Shade:	White/White	Roof Paint Condition:	Good
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Tank Parameters - Rim-Seal System:

Tank Construction:		Secondary Seal:	Rim Mounted
Primary Seal:	Vapor Mounted		

Tank Parameters - Deck Characteristics:

Deck Type:	Bolted	Deck Fitting Type:	Typical
Construction:	Sheet	Deck Seam:	Sheet: 5 ft wide
Deck Seam Length:	2261.9 ft		

Source to Stack:

Stack Number	Stack Name	Percent Flow
2	STACK # 2	100.0 %
Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%	
Control Name	Control Type		
Primary VOC Control	9999 - Control Identified in Assigned SCC		
Secondary VOC Control	95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400162

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
Fuel / Process: Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
Actual Annual Process Weight Rate: 103090.855 E3GAL GASOLINE /Year ■
Summer Day Process Rate: 314.928 E3GAL GASOLINE /Day ■
Maximum Process Design Weight: 551948.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 26.35 % ■ Mar-May: 20.34 % ■ Jun-Aug: 28.1 % ■ Sep-Nov: 25.21 % ■

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DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400162 - HAP - Photo Chemically Reactive VOC HAPS					
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	63.6083	■
Benzene	TANK MODEL	0	0	53.4894	■
Ethylbenzene	TANK MODEL	0	0	5.7317	■
Isopropylbenzene	TANK MODEL	0	0	1.3811	■
N-Hexane	TANK MODEL	0	0	47.671	■
o-Xylene	TANK MODEL	0	0	26.428	■
Toluene	TANK MODEL	0	0	66.7264	■

40400162 - HAP - PM - VOC HAPS					
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.6964	■

40400162 - Criteria Air Pollutants (CAP)					
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	5.7059	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400162 - Summer Day Pollutants					
Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	30.513	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 209 - Gasoline

General Information:

Name:	Tank # 209 - Gasoline	EU Number:	EU-4
Point ID:	R812	Shutdown Date:	
Initial Startup Date:	01/01/1929		
Revoked Date:			

Tank Parameters - Dimensions:

Diameter:	48.0 ft	Tank Volume:	411600.0 gl
Turnovers per Year:		Net Throughput:	
Self Supporting Roof:	No	Number of Columns:	1
Column Diameter:	1.0		

Tank Parameters - Shell Characteristics:

Internal Shell Condition:	Light Rust	External Shell Condition:	Good
External Shell Color:	White/White		

Tank Parameters - Roof Characteristics:

Roof Color/Shade:	White/White	Roof Paint Condition:	Good
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Tank Parameters - Rim-Seal System:

Tank Construction:		Secondary Seal:	Rim Mounted
Primary Seal:	Vapor Mounted		

Tank Parameters - Deck Characteristics:

Deck Type:	Bolted	Deck Fitting Type:	Typical
Construction:	Sheet	Deck Seam:	Sheet: 5 ft wide
Deck Seam Length:	361.9 ft		

Source to Stack:

Stack Number	Stack Name	Percent Flow
3	STACK # 3	100.0 %
Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%	
Control Name	Control Type		
Primary VOC Control	9999 - Control Identified in Assigned SCC		
Secondary VOC Control	95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400162

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
Fuel / Process: Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
Actual Annual Process Weight Rate: 11146.177 E3GAL GASOLINE /Year ■
Summer Day Process Rate: 35.395 E3GAL GASOLINE /Day ■
Maximum Process Design Weight: 56818.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 21.75 % ■ **Mar-May:** 36.79 % ■ **Jun-Aug:** 29.22 % ■ **Sep-Nov:** 12.24 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400162 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	13.1209	■
Benzene	TANK MODEL	0	0	10.8437	■
Ethylbenzene	TANK MODEL	0	0	1.3059	■
Isopropylbenzene	TANK MODEL	0	0	0.3334	■
N-Hexane	TANK MODEL	0	0	9.5801	■
o-Xylene	TANK MODEL	0	0	6.0842	■
Toluene	TANK MODEL	0	0	14.1095	■

40400162 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.1865	■

40400162 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	1.1099	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400162 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	6.351	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 212 - Gasoline

General Information:

Name:	Tank # 212 - Gasoline	EU Number:	EU-6
Point ID:	R813	Shutdown Date:	
Initial Startup Date:	01/01/1951		
Revoked Date:			

Tank Parameters - Dimensions:

Diameter:	120.0 ft	Tank Volume:	4019400.0 gl
Turnovers per Year:		Net Throughput:	
Self Supporting Roof:	No	Number of Columns:	7
Column Diameter:	1.0		

Tank Parameters - Shell Characteristics:

Internal Shell Condition:	Light Rust	External Shell Condition:	Good
External Shell Color:	White/White		

Tank Parameters - Roof Characteristics:

Roof Color/Shade:	White/White	Roof Paint Condition:	Good
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Tank Parameters - Rim-Seal System:

Tank Construction:		Secondary Seal:	Rim Mounted
Primary Seal:	Vapor Mounted		

Tank Parameters - Deck Characteristics:

Deck Type:	Bolted	Deck Fitting Type:	Typical
Construction:	Sheet	Deck Seam:	Sheet: 5 ft wide
Deck Seam Length:	2261.9 ft		

Source to Stack:

Stack Number	Stack Name	Percent Flow
4	STACK # 4	100.0 %
Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%	
Control Name	Control Type		
Primary VOC Control	9999 - Control Identified in Assigned SCC		
Secondary VOC Control	95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400162

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
Fuel / Process: Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
Actual Annual Process Weight Rate: 97801.233 E3GAL GASOLINE /Year ■
Summer Day Process Rate: 223.877 E3GAL GASOLINE /Day ■
Maximum Process Design Weight: 554846.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 25.18 % ■ Mar-May: 26.6 % ■ Jun-Aug: 21.06 % ■ Sep-Nov: 27.16 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400162 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	14.5528	■
Benzene	TANK MODEL	0	0	10.2212	■
Ethylbenzene	TANK MODEL	0	0	2.6555	■
Isopropylbenzene	TANK MODEL	0	0	0.8508	■
N-Hexane	TANK MODEL	0	0	8.344	■
o-Xylene	TANK MODEL	0	0	12.9512	■
Toluene	TANK MODEL	0	0	18.873	■

40400162 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.6414	■

40400162 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.9415	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400162 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	3.595	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 210 - Gasoline

General Information:

Name: Tank # 210 - Gasoline
 Point ID: R814
 Initial Startup Date: 01/01/1936
 Revoked Date:
 EU Number: EU-5
 Shutdown Date:

Tank Parameters - Dimensions:

Diameter: 48.0 ft
 Turnovers per Year:
 Self Supporting Roof: No
 Column Diameter: 1.0
 Tank Volume: 394800.0 gal
 Net Throughput:
 Number of Columns: 1

Tank Parameters - Shell Characteristics:

Internal Shell Condition: Light Rust
 External Shell Color: White/Gray
 External Shell Condition: Good

Tank Parameters - Roof Characteristics:

Roof Color/Shade: White/White
 Roof Paint Condition: Good

Tank Parameters - Rim-Seal System:

Tank Construction:
 Primary Seal: Vapor Mounted
 Secondary Seal: Rim Mounted

Tank Parameters - Deck Characteristics:

Deck Type: Bolted
 Construction: Sheet
 Deck Seam Length: 361.9 ft
 Deck Fitting Type: Typical
 Deck Seam: Sheet: 5 ft wide

Source to Stack:

Stack Number	Stack Name	Percent Flow
5	STACK # 5	100.0 %
Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%	
Control Name	Control Type		
Primary VOC Control	9999 - Control Identified in Assigned SCC		
Secondary VOC Control	95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400162

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
Fuel / Process: Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
Actual Annual Process Weight Rate: 13586.132 E3GAL GASOLINE /Year ■
Summer Day Process Rate: 40.188 E3GAL GASOLINE /Day ■
Maximum Process Design Weight: 54499.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 24.02 % ■ **Mar-May:** 26.8 % ■ **Jun-Aug:** 27.21 % ■ **Sep-Nov:** 21.97 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400162 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	9.191	■
Benzene	TANK MODEL	0	0	7.1754	■
Ethylbenzene	TANK MODEL	0	0	1.193	■
Isopropylbenzene	TANK MODEL	0	0	0.344	■
N-Hexane	TANK MODEL	0	0	6.17	■
o-Xylene	TANK MODEL	0	0	5.69	■
Toluene	TANK MODEL	0	0	10.6384	■

40400162 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.2296	■

40400162 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.6887	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400162 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	4.097	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Internal Floating Roof - Tank # 206 - Ethanol

General Information:

Name:	Tank # 206 - Ethanol	EU Number:	EU-3
Point ID:	R979	Shutdown Date:	
Initial Startup Date:	01/01/1929		
Revoked Date:			

Tank Parameters - Dimensions:

Diameter:	60.0 ft	Tank Volume:	676200.0 gl
Turnovers per Year:		Net Throughput:	
Self Supporting Roof:	No	Number of Columns:	1
Column Diameter:	1.0		

Tank Parameters - Shell Characteristics:

Internal Shell Condition:	Light Rust	External Shell Condition:	Good
External Shell Color:	White/White		

Tank Parameters - Roof Characteristics:

Roof Color/Shade:	White/White	Roof Paint Condition:	Good
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Tank Parameters - Rim-Seal System:

Tank Construction:		Secondary Seal:	Rim Mounted
Primary Seal:	Vapor Mounted		

Tank Parameters - Deck Characteristics:

Deck Type:	Bolted	Deck Fitting Type:	Typical
Construction:	Sheet	Deck Seam:	Sheet: 5 ft wide
Deck Seam Length:	565.4 ft		

Source to Stack:

Stack Number	Stack Name	Percent Flow
7	STACK # 7	100.0 %
Flow Order	Control Name	Control Type
1	Primary VOC Control	9999 - Control Identified in Assigned SCC
2	Secondary VOC Control	95 - White Paint

Control Banks:

Volatile organic compounds (VOC)		Actual Efficiency: 0%	
Control Name	Control Type		
Primary VOC Control	9999 - Control Identified in Assigned SCC		
Secondary VOC Control	95 - White Paint		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40400160

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Liquids Storage (non-Refinery)
 Fuel / Process: Bulk Terminals - Other Liquids: Breathing Loss - Internal Floating Roof w/ Primary Seal
 Actual Annual Process Weight Rate: 7413.404 E3GAL Liquid /Year ■
 Summer Day Process Rate: 0.0 E3GAL Liquid /Day ■
 Maximum Process Design Weight: 93344.0 GAL/Hour
 Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 Actual Days/Week: 7 Actual Weeks/Year: 52
 Process Start Time:
 Process End Time:
 Seasonal Use: Dec-Feb: 29.72 % ■ Mar-May: 35.14 % ■ Jun-Aug: 0.0 % ■ Sep-Nov: 35.14 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40400160 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	0.3884	■
Benzene	TANK MODEL	0	0	0.3305	■
Ethylbenzene	TANK MODEL	0	0	0.0325	■
Isopropylbenzene	TANK MODEL	0	0	0.0039	■
N-Hexane	TANK MODEL	0	0	0.2964	■
o-Xylene	TANK MODEL	0	0	0.1486	■
Toluene	TANK MODEL	0	0	0.4	■

40400160 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.0035	■

40400160 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.2629	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40400160 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.0	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Vertical Fixed Roof - Tank #207 - Biodiesel

General Information:

Name: Tank #207 - Biodiesel
 Point ID: E19
 Initial Startup Date:
 Revoked Date:
 EU Number:
 Shutdown Date:

Tank Parameters - Dimensions:

Height Above Ground: 35.0 ft
 Maximum Liquid Height:
 Working Volume: 434888.0 gal
 Net Throughput:
 Tank Diameter: 45.0 ft
 Average Liquid Height:
 Turnovers Per Year:
 Heated Tank: No

Tank Parameters - Roof Characteristics:

Color/Shade: White
 Type:
 Radius (Dome Roof):
 Condition: Good
 Height:

Tank Parameters - Shell Characteristics:

Shell Color/Shade: White/White
 External Shell Condition:

Tank Parameters - Breather Vent Settings:

Vacuum Setting:
 Pressure Setting:

Source to Stack:

Stack Number	Stack Name	Percent Flow
105	Stack 207	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%
Control Name		Control Type	
Uncontrolled		0 - Uncontrolled	
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40301097

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Product Storage at Refineries
 Fuel / Process: Fixed Roof Tanks (Varying Sizes) - Other Product: Breathing Loss: 67000 Bbl. Size
 Actual Annual Process Weight Rate: 6564.034 E3GAL Material /Year ■
 Summer Day Process Rate: 2.9959 E3GAL Material /Day ■
 Maximum Process Design Weight: 0.0 GAL/Hour
 Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 Actual Days/Week: 7 Actual Weeks/Year: 52
 Process Start Time:
 Process End Time:
 Seasonal Use: Dec-Feb: 34.41 % ■ Mar-May: 15.25 % ■ Jun-Aug: 4.2 % ■ Sep-Nov: 46.14 % ■

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40301097 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.0281	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40301097 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.191	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Vertical Fixed Roof - TANK #208 -Jet Kerosene

General Information:

Name:	TANK #208 -Jet Kerosene	EU Number:	EU-14
Point ID:	E2	Shutdown Date:	
Initial Startup Date:	01/01/1929		
Revoked Date:			

Tank Parameters - Dimensions:

Height Above Ground:		Tank Diameter:	48.0 ft
Maximum Liquid Height:		Average Liquid Height:	
Working Volume:	470040.0 gl	Turnovers Per Year:	
Net Throughput:		Heated Tank:	No

Tank Parameters - Roof Characteristics:

Color/Shade:		Condition:	
Type:		Height:	
Radius (Dome Roof):			

Tank Parameters - Shell Characteristics:

Shell Color/Shade:	White	External Shell Condition:	
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Tank Parameters - Breather Vent Settings:

Vacuum Setting:		Pressure Setting:	
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Source to Stack:

Stack Number	Stack Name	Percent Flow
11	STACK # 11	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)				Actual Efficiency: 0%
Control Name		Control Type		
Uncontrolled		0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency	
0%	0%	100.0%	0%	

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40301019

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Product Storage at Refineries
Fuel / Process: Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Actual Annual Process Weight Rate: 441.914 E3GAL Distillate Oil (No. 2) /Year ■
Summer Day Process Rate: 0.2478 E3GAL Distillate Oil (No. 2) /Day ■
Maximum Process Design Weight: 0.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 53.8 % ■ **Mar-May:** 18.26 % ■ **Jun-Aug:** 5.16 % ■ **Sep-Nov:** 22.78 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40301019 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	0.0	
Benzene	TANK MODEL	0	0	1.0987	■
Ethylbenzene	TANK MODEL	0	0	3.1234	■
Isopropylbenzene	TANK MODEL	0	0	0.0	
N-Hexane	TANK MODEL	0	0	2.2419	■
o-Xylene	TANK MODEL	0	0	6.646	■
Toluene	TANK MODEL	0	0	10.3699	■

40301019 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.0	

40301019 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.0783	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0	
PM10, primary	No Default EPA Factor	0.0	0	0.0	
PM10, filterable	No Default EPA Factor	0.0	0	0.0	
PM2.5, primary	No Default EPA Factor	0.0	0	0.0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0.0	
PM, condensable	No Default EPA Factor	0.0	0	0.0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0.0	
Lead	No Default EPA Factor	0.0	0	0.0	
Ammonia	No Default EPA Factor	0.0	0	0.0	

40301019 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.783	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Vertical Fixed Roof - TANK #213-DISTILLATE

General Information:

Name:	TANK #213-DISTILLATE	EU Number:	EU-15
Point ID:	E3	Shutdown Date:	
Initial Startup Date:	01/01/1951		
Revoked Date:			

Tank Parameters - Dimensions:

Height Above Ground:		Tank Diameter:	120.0 ft
Maximum Liquid Height:		Average Liquid Height:	
Working Volume:	4015200.0 gl	Turnovers Per Year:	
Net Throughput:		Heated Tank:	No

Tank Parameters - Roof Characteristics:

Color/Shade:		Condition:	
Type:		Height:	
Radius (Dome Roof):			

Tank Parameters - Shell Characteristics:

Shell Color/Shade:	White	External Shell Condition:	
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Tank Parameters - Breather Vent Settings:

Vacuum Setting:		Pressure Setting:	
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Source to Stack:

Stack Number	Stack Name	Percent Flow
12	STACK # 12	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%
Control Name	Control Type		
Uncontrolled	0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40301019

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Product Storage at Refineries
Fuel / Process: Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Actual Annual Process Weight Rate: 119190.075 E3GAL Distillate Oil (No. 2) /Year ■
Summer Day Process Rate: 364.852 E3GAL Distillate Oil (No. 2) /Day ■
Maximum Process Design Weight: 0.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 20.21 % ■ **Mar-May:** 26.72 % ■ **Jun-Aug:** 28.16 % ■ **Sep-Nov:** 24.91 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40301019 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	0.0	
Benzene	TANK MODEL	0	0	5.7053	■
Ethylbenzene	TANK MODEL	0	0	8.3114	■
Isopropylbenzene	TANK MODEL	0	0	0.0	
N-Hexane	TANK MODEL	0	0	1.1635	■
o-Xylene	TANK MODEL	0	0	161.6346	■
Toluene	TANK MODEL	0	0	64.8195	■

40301019 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.0	

40301019 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	1.3804	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40301019 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	13.723	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Vertical Fixed Roof - TANK #216-DISTILLATE

General Information:

Name:	TANK #216-DISTILLATE	EU Number:	EU-16
Point ID:	E4	Shutdown Date:	
Initial Startup Date:	01/01/1953		
Revoked Date:			

Tank Parameters - Dimensions:

Height Above Ground:		Tank Diameter:	120.0 ft
Maximum Liquid Height:		Average Liquid Height:	
Working Volume:	4032000.0 gl	Turnovers Per Year:	
Net Throughput:		Heated Tank:	No

Tank Parameters - Roof Characteristics:

Color/Shade:		Condition:	
Type:		Height:	
Radius (Dome Roof):			

Tank Parameters - Shell Characteristics:

Shell Color/Shade:	White	External Shell Condition:	
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Tank Parameters - Breather Vent Settings:

Vacuum Setting:		Pressure Setting:	
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Source to Stack:

Stack Number	Stack Name	Percent Flow
13	STACK # 13	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)				Actual Efficiency: 0%
Control Name		Control Type		
Uncontrolled		0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency	
0%	0%	100.0%	0%	

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40301019

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Product Storage at Refineries
Fuel / Process: Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Actual Annual Process Weight Rate: 30332.46 E3GAL Distillate Oil (No. 2) /Year ■
Summer Day Process Rate: 57.281 E3GAL Distillate Oil (No. 2) /Day ■
Maximum Process Design Weight: 0.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 22.89 % ■ **Mar-May:** 39.43 % ■ **Jun-Aug:** 17.37 % ■ **Sep-Nov:** 20.31 % ■

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40301019 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	0.0	
Benzene	TANK MODEL	0	0	2.9501	■
Ethylbenzene	TANK MODEL	0	0	4.2699	■
Isopropylbenzene	TANK MODEL	0	0	0.0	
N-Hexane	TANK MODEL	0	0	0.6026	■
o-Xylene	TANK MODEL	0	0	83.0141	■
Toluene	TANK MODEL	0	0	33.415	■

40301019 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.0	

40301019 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.7103	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40301019 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	6.617	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

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DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Vertical Fixed Roof - TANK #217-DISTILLATE

General Information:

Name: TANK #217-DISTILLATE
 Point ID: E5 EU Number: EU-17
 Initial Startup Date: 01/01/1954 Shutdown Date:
 Revoked Date:

Tank Parameters - Dimensions:

Height Above Ground: Tank Diameter: 120.0 ft
 Maximum Liquid Height: Average Liquid Height:
 Working Volume: 3990000.0 gl Turnovers Per Year:
 Net Throughput: Heated Tank: No

Tank Parameters - Roof Characteristics:

Color/Shade: Condition:
 Type: Height:
 Radius (Dome Roof):

Tank Parameters - Shell Characteristics:

Shell Color/Shade: White External Shell Condition:

Tank Parameters - Breather Vent Settings:

Vacuum Setting: Pressure Setting:

Source to Stack:

Stack Number	Stack Name	Percent Flow
14	STACK # 14	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%
Control Name	Control Type		
Uncontrolled	0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40301019

■ = Data was Modified. ▲ = Modification request was Acknowledged.



Emission Statement

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Product Storage at Refineries
Fuel / Process: Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Actual Annual Process Weight Rate: 46730.966 E3GAL Distillate Oil (No. 2) /Year ■
Summer Day Process Rate: 3.63 E3GAL Distillate Oil (No. 2) /Day ■
Maximum Process Design Weight: 0.0 GAL/Hour
Actual Hours per Year: 8760.0 Hours/Year

Hours of Operation:

Actual Hours/Day: 24 **Actual Days/Week:** 7 **Actual Weeks/Year:** 52
Process Start Time:
Process End Time:
Seasonal Use: Dec-Feb: 57.35 % ■ **Mar-May:** 18.66 % ■ **Jun-Aug:** 0.71 % ■ **Sep-Nov:** 23.28 % ■

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DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40301019 - HAP - Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
2,2,4-Trimethylpentane	TANK MODEL	0	0	0.0	
Benzene	TANK MODEL	0	0	2.1692	■
Ethylbenzene	TANK MODEL	0	0	2.9458	■
Isopropylbenzene	TANK MODEL	0	0	0.0	
N-Hexane	TANK MODEL	0	0	0.4503	■
o-Xylene	TANK MODEL	0	0	57.1462	■
Toluene	TANK MODEL	0	0	23.8446	■

40301019 - HAP - PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	
Naphthalene	TANK MODEL	0	0	0.0	

40301019 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	0.4994	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	
PM10, primary	No Default EPA Factor	0.0	0	0	
PM10, filterable	No Default EPA Factor	0.0	0	0	
PM2.5, primary	No Default EPA Factor	0.0	0	0	
PM2.5, filterable	No Default EPA Factor	0.0	0	0	
PM, condensable	No Default EPA Factor	0.0	0	0	
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0	
Lead	No Default EPA Factor	0.0	0	0	
Ammonia	No Default EPA Factor	0.0	0	0	

40301019 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC)	TANK MODEL	0	0	2.697	■
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0	
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0	

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DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Storage Tank - Vertical Fixed Roof - TANK #1A -FUEL OIL

General Information:

Name: TANK #1A -FUEL OIL
 Point ID: E6
 Initial Startup Date:
 Revoked Date:
 EU Number: EU-18
 Shutdown Date:

Tank Parameters - Dimensions:

Height Above Ground:
 Maximum Liquid Height:
 Working Volume: 1.0 gl
 Net Throughput:
 Tank Diameter: 4.0 ft
 Average Liquid Height:
 Turnovers Per Year:
 Heated Tank: No

Tank Parameters - Roof Characteristics:

Color/Shade:
 Type:
 Radius (Dome Roof):
 Condition:
 Height:

Tank Parameters - Shell Characteristics:

Shell Color/Shade: White
 External Shell Condition:

Tank Parameters - Breather Vent Settings:

Vacuum Setting:
 Pressure Setting:

Source to Stack:

Stack Number	Stack Name	Percent Flow
15	STACK # 15	100.0 %
Flow Order	Control Name	Control Type
1	Uncontrolled	0 - Uncontrolled

Control Banks:

Volatile organic compounds (VOC)			Actual Efficiency: 0%
Control Name	Control Type		
Uncontrolled	0 - Uncontrolled		
Rated Efficiency	Captured Efficiency	Adjustments for Malfunction (Effectiveness)	Actual Efficiency
0%	0%	100.0%	0%

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DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

SCC: 40301019

Fuel & Material Data:

Industry Code: Chemical Evaporation - Petroleum Product Storage at Refineries
 Fuel / Process: Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
 Actual Annual Process Weight Rate: 0.0 E3GAL Distillate Oil (No. 2) /Year
 Summer Day Process Rate: 0.0 E3GAL Distillate Oil (No. 2) /Day
 Maximum Process Design Weight: 0.0 GAL/Hour
 Actual Hours per Year:

Hours of Operation:

Actual Hours/Day: Actual Days/Week: Actual Weeks/Year:
 Process Start Time:
 Process End Time:
 Seasonal Use: Dec-Feb: 0.0 % Mar-May: 0.0 % Jun-Aug: 0.0 % Sep-Nov: 0.0 %

Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

40301019 - Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)
Volatile organic compounds (VOC)	EPA EMISSION FACTOR	0.4	0	0.0
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0
PM10, primary	No Default EPA Factor	0.0	0	0.0
PM10, filterable	No Default EPA Factor	0.0	0	0.0
PM2.5, primary	No Default EPA Factor	0.0	0	0.0
PM2.5, filterable	No Default EPA Factor	0.0	0	0.0
PM, condensable	No Default EPA Factor	0.0	0	0.0
Sulfur Dioxide (SO2)	No Default EPA Factor	0.0	0	0.0
Lead	No Default EPA Factor	0.0	0	0.0
Ammonia	No Default EPA Factor	0.0	0	0.0

40301019 - Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)
Volatile organic compounds (VOC)	EPA EMISSION FACTOR	0.4	0	0.0
Nitrogen oxides (NOx)	No Default EPA Factor	0.0	0	0.0
Carbon monoxide (CO)	No Default EPA Factor	0.0	0	0.0

■ = Data was Modified. ▲ = Modification request was Acknowledged.

Emission Statement



Town: 117 Premises: 519 Client: 8494 Reporting Period: 2023

Notes

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 214 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
Description: Reported emissions include roof landing for landing events throughout the year. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses + roof landing.

Attachments:

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 201 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Other Liquids: Breathing Loss - Int. Floating Roof w/ Secondary Seal
Description: No roof landing events occurred for this tank. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses.

Attachments:

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 206 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Other Liquids: Breathing Loss - Internal Floating Roof w/ Primary Seal
Description: No roof landing events occurred for this tank. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses + tank cleaning.

Attachments:

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Truck Load Rack Emissions Calculations
Applies To: Emission Information Tab | Scc Emission - Tank Cars and Trucks - Gasoline: Submerged Loading: Balanced Service
Description: The reported emissions include emissions from both gasoline and ethanol loading including fugitive emissions from uncaptured gasoline/distillate vapors. The emission factor reported here is a modified form of the actual emission factor used in the calculations, used in order to report accurately combined emissions from gasoline + ethanol loading. The actual emission uncaptured/fugitive factor is based on emission rate of 8 mg/L (0.067 lb/1000 gal) of product loaded or 99.2% capture efficiency. The VRU emissions are per Erthwrks emission test completed January, 2021, TOC emissions during VRU operation are 0.4 mg/L (0.0033382 lb/1000 gal).

Attachments:

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 210 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal
Description: No roof landing events occurred for this tank. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses.

Attachments:

■ = Data was Modified. ▲ = Modification request was Acknowledged.

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION

Emission Statement



From: Christie Waterfront Heath Date: 02/22/2024
Subject: Tank 212 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal

Description: Reported emissions include roof landing for landing events throughout the year. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses + roof landing .

Attachments:

From: Christie Waterfront Heath Date: 02/22/2024
Subject: Tank 209 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal

Description: Reported emissions include roof landing for landing events throughout the year. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses + roof landing .

Attachments:

From: Christie Waterfront Heath Date: 02/22/2024
Subject: Tank 215 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal

Description: Reported emissions include roof landing for landing events throughout the year. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses + roof landing .

Attachments:

From: Christie Waterfront Heath Date: 02/22/2024
Subject: Tank 202 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal

Description: Reported emissions include roof landing for landing events throughout the year. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses + roof landing .

Attachments:

From: Christie Waterfront Heath Date: 02/22/2024
Subject: Tank 218 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Bulk Terminals - Gasoline RVP 10: Breathing Loss - Int. Floating Roof w/ Primary Seal

Description: Reported emissions include roof landing for landing events throughout the year. Tank standing and working losses were calculated using AP-42 Chapter 7. HAP emissions calculated using vendor provided speciation (expressed as weight percentage) of total VOC emissions, i.e. standing/working losses + roof landing .

Attachments:

■ = Data was Modified. ▲ = Modification request was Acknowledged.



Emission Statement

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 207 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Fixed Roof Tanks (Varying Sizes) - Other Product: Breathing Loss: 67000 Bbl. Size
Description: Fixed roof tank emissions were calculated using AP-42 Chapter 7.

Attachments:

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Equipment Fugitives Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Miscellaneous Industrial Processes - Other Not Elsewhere Classified
Description: HAP emissions have been calculated using a speciation profile provided by the vendor (expressed as weight percentage of total VOC emitted). The reported emission factors are therefore modified factors used to report the appropriate lb/yr of each HAP emitted from the emission unit.

Attachments:

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 217 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Description: Fixed roof tank emissions were calculated using AP-42 Chapter 7.

Attachments:

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 1-A Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Description: 1,000 gal fuel oil tank with emissions significantly less than 0.5 tpy. This insignificant source is not required to be reported.

Attachments:

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 216 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Description: Fixed roof tank emissions were calculated using AP-42 Chapter 7.

Attachments:

Emission Statement



From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 213 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Description: Fixed roof tank emissions were calculated using AP-42 Chapter 7.
Attachments: _____

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: Tank 208 Emissions Calculation
Applies To: Emission Information Tab | Scc Emission - Fixed Roof Tanks (Varying Sizes) - Distillate Fuel #2: Breathing Loss: 67000 Bbl. Size
Description: Fixed roof tank emissions were calculated using AP-42 Chapter 7.
Attachments: _____

From: Christie Waterfront Heath **Date:** 02/22/2024
Subject: EU-11 Loading Rack HAP Calculation
Applies To: Emission Information Tab | Scc Emission - Tank Cars and Trucks - Distillate Oil: Submerged Loading: Normal Service
Description: HAP emissions have been calculated using a speciation profile provided by the vendor (expressed as weight percentage of total VOC emitted). The reported emission factors are therefore modified factors used to report the appropriate lb/yr of each HAP emitted from the emission unit.
Attachments: _____