



Massachusetts Department of Environmental Protection

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AP1 Sec A - Transaction #1173429

Print

Exit

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2018

Year of Record

67

DEP EU#

1190564

Facility AQ Identifier

A. Equipment Description

1. Facility Identifiers: ?

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account Number

1190564

c. Facility AQ Identifier

2. Emission Unit Identifiers: ?

INDUSTRIAL OIL FURNACE LG14-225

a. Facility's choice of emission unit name - edit as needed

LG14

b. Facility's emission unit number / code - edit as needed

67

c. DEP emission unit #

d. ORIS ID # – for large electrical utilities only

64

e. Combined Units – enter number of individual units ?

3. Emission unit installation and decommission dates:

11/15/2015

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date (mm/dd/yyyy) - if applicable ?

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission Unit Replacement ?

a. Is this unit, replacing another emission unit?

☒ No ☐ Yes - Enter DEP's emissions unit number and name for the unit being replaced from the drop-down list below:

b. DEP's Emission Unit Number and facility's emission unit name

5. Equipment ?

a. Equipment Type

EPA Unit type code ?

FURNACE

?

FURNACE

If engine, is this an emergency generator? ?

☐ Yes☐ No

If an emergency generator, please give the number of hours of operation during the reporting year for each category of operation:

Emergency Use(hours)

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2018

Year of Record

67

DEP EU#

1190564

Non Emergency Use(hours)

Maintenance and Readiness Testing(hours)

ALLIED AIR ENTERPRISES LLC (A LENNOX COMPANY)

b. Manufacturer

LG-14-225/275B40

c. Model number

0.28

d. Max Input Rating MMBtu/hr (must be greater than 0) ?

1

e. Number of burners (enter "0" if not applicable)

f. Types of burner - check one:

- ☐ rotary
☒ mech. atomizer
☐ steam atomizer
☐ air atomizer
☐ traveling grate
☐ hand fired
☐ Other

Specify "other" burner type

BECKETT

g. Burner Manufacturer

230V-1-60

h. Burner Model number

11/15/2015

i. Burner Installation Date (mm/dd/yyyy)

6. DEP approvals - leave blank if not applicable: ?

a. Most recent approval number

b. DEP approval date (mm/dd/yyyy)

7. Is this unit exempt under 310 CMR 7.02 Plan Approvals?

☒ Yes ☐ No

8. If exempt from Plan Approval, indicate the reason for the exemption, from the drop-down list below. (e.g., cite a specific DEP regulation):

below thresholds in 310 CMR 7.02 (2)(b) 7 and 15

9. Additional State Reporting Requirements:

a. Are there other routine air quality reporting requirements for this emissions unit?

☒ Yes - Specify reporting frequency below ☐ No - Skip to question 9c

b. Reporting frequency - check all that apply:

☐ Monthly

☐ Quarterly

☐ Semi-annual

☒ Annual

☒ RES

(include Operating Permit and Plan Approval reports, but not exceedance reporting)

c. Is this unit subject to (check all that apply):

☐ NESHAP

☐ NSPS

☐ MACT

10. Hours of operation for the emission unit: ?

☐ a. check if continuously operated - 24 X 7 X 52

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2018

Year of Record

67

DEP EU#

1190564

10

b. Number of hours per day

7

c. Number of days per week

4

d. Number of weeks per year

e. Percent of total annual operation that occurs in each calendar quarter:

50.0

Q1

17.0

Q2

0.0

Q3

33.0

Q4

Sum of Q1+Q2+Q3+Q4 must = 100%

or 0 if the unit was not operated for any quarter

11. Ozone season schedule - May 1 through September 30:

0

a. Ozone season hours per day

0

b. Ozone season days per week

0

c. Weeks operated in ozone season

12. Emission Release Point - select one: ?

Engines click here for instructions: ?

Non-Stack Release Points:

- ☐ fugitive
- ☐ horizontal vent
- ☐ engine exhaust
- ☐ downward facing vent
- ☐ vertical stack/vent less than 10ft

Physical Stacks:

- ☒ vertical stack
- ☐ vertical with rain cap/sleeve

13. Link this unit to a physical stack (if applicable) - pick from the list below:

9 1 STACK-2 FURNACES - LENNOX

Facility's stack identifier from STACK form - to change stack name use the STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before returning to this form.

14. Is there an air pollution control device/s on this emissions unit? ?

☐ Yes - answer a through i

☒ No - skip to question 15

Air pollution control device ?

Click the button below to add a new control device

Add New control device

15. Is there **monitoring equipment** on this emissions unit or its related control devices: ?

☐ Yes - answer a through i

☒ No - skip to section B

Monitor 1

Monitor 2

Monitor 3

a. Monitor type: ?

☐ CEMs

☐ opacity

☐ other

☐ CEMs

☐ opacity

☐ other

☐ CEMs

☐ opacity

☐ other

Describe

Describe

Describe

b. Manufacturer:

c. Model Number:

d. Monitor ID #:

Facility's Designation

Facility's Designation

Facility's Designation

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2018

Year of Record

67

DEP EU#

1190564

e. Installation Date:	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)
f. DEP Approval #:	<input type="text"/>	<input type="text"/>	<input type="text"/>
g. DEP Approval Date:	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)
h. Decommission Date:	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)
i. Recorder?	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no
j. Audible Alarm?	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no
k. Data System?	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no
l. Monitored Pollutants - check all that apply:	<input type="checkbox"/> PM 10	<input type="checkbox"/> PM 10	<input type="checkbox"/> PM 10
	<input type="checkbox"/> PM 2.5	<input type="checkbox"/> PM 2.5	<input type="checkbox"/> PM 2.5
	<input type="checkbox"/> SO2	<input type="checkbox"/> SO2	<input type="checkbox"/> SO2
	<input type="checkbox"/> CO	<input type="checkbox"/> CO	<input type="checkbox"/> CO
	<input type="checkbox"/> VOC	<input type="checkbox"/> VOC	<input type="checkbox"/> VOC
	<input type="checkbox"/> NO2	<input type="checkbox"/> NO2	<input type="checkbox"/> NO2
	<input type="checkbox"/> NH3	<input type="checkbox"/> NH3	<input type="checkbox"/> NH3
	<input type="checkbox"/> Mercury	<input type="checkbox"/> Mercury	<input type="checkbox"/> Mercury
	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> CO2	<input type="checkbox"/> CO2	<input type="checkbox"/> CO2
	<input type="checkbox"/> H2S	<input type="checkbox"/> H2S	<input type="checkbox"/> H2S
	<input type="checkbox"/> HCL	<input type="checkbox"/> HCL	<input type="checkbox"/> HCL
	<input type="checkbox"/> Opacity	<input type="checkbox"/> Opacity	<input type="checkbox"/> Opacity
	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other
	<input type="text"/> Describe	<input type="text"/> Describe	<input type="text"/> Describe

B. Fuels and Emissions

1. Fuel Name / Characteristics:

Number of fuels for this unit (previous records):

NO. 2 OIL

Fuel Name

DEP Fuel #

☐ Add a NEW fuel: Check the box if you need to add a fuel that you did not report on previously (eDEP will add a blank Sect. B form to your package).

Number of Additional Fuels :

☐ Delete this fuel: check box if you stopped using this fuel in this unit permanently. You must still report for this year of record even if amount is "0" – the fuel will be removed from the unit in the next report cycle.

a. Source Classification Code (SCC):

SCC (call DEP if SCC will not validate)

EXTERNAL COMBUSTION BOILERS - INDUSTRIAL - DISTILLATE OIL -

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2018

Year of Record

67

DEP EU#

1190564

GRADES 1 AND 2 - BOILER

SCC Description - filled by eDEP upon error check.

b. Type of fuel

FUEL NO.2

Fuel Description - filled by eDEP upon error check.

c. Sulfur content for oils and coal (0-2.2%):

.138

Percent by weight

d. Ash content for oils and coal(0- 10.0%):

0

Percent by weight

e. Maximum hourly fuel rate for all firing burners:(enter "0"if unit decommissioned prior to this year of record): ?

0.0003

1000 GALLONS

Amount

Units per hour ?

f. Do you have fuel or usage restrictions? ?

☐ yes ☒ no - skip to question 2

g. DEP approval number for fuel restrictions: ?

Most recent for this fuel

h. Annual usage restriction (for this fuel):(amount or hours)

Quantity

Units

i. Short term use restriction (for this fuel):(amount or hours)

Quantity

Units

Per ☐ month ☐ week ☐ day ☐ hour

2. Total actual fuel used for year of record:

0.2900

1000 GALLONS

(check your amount vs units and enter "0" if not used in the year of record)

a. Amount - year of record

b. Units

.2

1000 GALLONS

c. Total annual usage for prior year of record

3. Total emissions **for this fuel only** in tons per year: ?

Calculations: The form will automatically calculate the actual and potential emissions UNLESS you check a box to manually enter emissions for each specific pollutant. Click the "?" icon for information to help you decide how to use this feature:

Pollutant:	<input type="checkbox"/> PM10-FIL(Report-ONLY filterable PM)	<input type="checkbox"/> PM25-FIL(Report-ONLY filterable PM)	<input type="checkbox"/> PM-CON	<input type="checkbox"/> SO2 ?
Actual for previous year:	0.0001 Tons	0 Tons	 Tons	0.0020 Tons
Actual for year of record: ?	0.0001 Tons	0 Tons	 Tons	0.0028 Tons
Potential emissions ?	0.0013 Tons	0.0003 Tons	 Tons	0.0257 Tons
Emission Factor ?	1 in pounds per unit	0.25 in pounds per unit	 in pounds per unit	142 in pounds per unit
Calculation Method	USEPA Emission Factor (?)	USEPA Emission Factor (?)	USEPA Emission Factor (?)	USEPA Emission Factor (?)
Max allowed				

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2018

Year of Record

67

DEP EU#

1190564

emissions-annual: ?	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Tons	Tons	Tons	Tons
Short term Period				
Basis DEP Approval number or regulation: ?				

Pollutant:	<input type="checkbox"/> PB	<input type="checkbox"/> VOC	<input type="checkbox"/> NH3	<input type="checkbox"/> CO
Actual for previous year:		0		0.0005
	Tons	Tons	Tons	Tons
Actual for year of record: ?		0		0.0007
	Tons	Tons	Tons	Tons
Potential emissions ?		0.0003		0.0066
	Tons	Tons	Tons	Tons
Emission Factor ?		0.20		5
in pounds per unit		1000 GALLONS		1000 GALLONS
Calculation Method	USEPA Emission Factor (USEPA Emission Factor (USEPA Emission Factor (USEPA Emission Factor (
Max allowed emissions-annual: ?				
	Tons	Tons	Tons	Tons
Max allowed emissions-short term:				
	Tons	Tons	Tons	Tons
Short term Period				
Basis DEP Approval number or regulation: ?				

Pollutant:	<input type="checkbox"/> NO2	specify other pollutant
Actual for previous year:	0.0024	
	Tons	Tons
Actual for year of record: ?	0.0035	
	Tons	Tons
Potential emissions ?	0.0315	
	Tons	Tons
Emission Factor ?	24	
in pounds per unit	1000 GALLONS	
Calculation Method	USEPA Emission Factor (USEPA Emission Factor (
Max allowed emissions-annual: ?		
	Tons	Tons
Max allowed emissions-short term:		
	Tons	Tons
Short term Period		

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2018

Year of Record

67

DEP EU#

1190564

Basis DEP Approval
number or regulation:



4. Ozone season emissions - May 1 through September 30:

0

0

a. Typical day VOC emissions - pounds per day

b. Typical day NOx emissions - pounds per day

☐ check to enter your own values

☐ check to enter your own values

NOTE: The form will estimate the ozone season emissions for you. However, you may enter your own values by checking the boxes above.

C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission.

2. **Attachments:**

☐ Check here to submit attachments to this form (e.g., calculations) -add a note in the field above indicating what is attached. This will create a new step on your Transaction Overview Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments above and deliver them to DEP with a paper copy of this form.

AP2 Sec A - Transaction #1173429

Print

Exit



Massachusetts Department of Environmental Protection Bureau of Air and Waste

Process

Emission Unit

2018

Year of Record

5

DEP EU#

1190564

Facility AQ Identifier

A. Process Description

1. Facility Identifiers: ?

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account Number

1190564

c. Facility AQ Identifier

2. Emission Unit Identifiers: ?

2 DRUM CRUSHING LINES

a. Facility's choice of emission unit name - edit as needed

5

b. Facility's emission unit number / code - edit as needed

5

c. DEP emission unit #

d. Combined Units – enter number of individual units ?

3. Emission unit installation and decommission dates:

06/01/1986

a. Installation date - estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) - if applicable(mm/dd/yyyy) ?

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission Unit Replacement

a. Is this unit, replacing another emission unit? ?

☒ No

☐ Yes - Enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility's unit name

5. Equipment ?

CRUSHER

a. Equipment Type:

720

b. EPA Unit Type Code: ?

GREENBECK

c. Manufacturer

18 SWB

d. Model number

Massachusetts Department of Environmental Protection
Bureau of Air and Waste
Process
Emission Unit

2018

Year of Record

5

DEP EU#

1190564

e. Max Input Rating MMBtu/hr (must be greater than 0) ?

6. DEP approvals - leave blank if not applicable: ?

MBR-87-IND-191

a. Most recent approval number

01/13/1988

b. DEP approval date (mm/dd/yyyy)

7. Is this unit exempt under 310 CMR 7.02 Plan Approvals ?

☐ Yes ☒ No

8. If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):

9. Additional State Reporting Requirements:

a. Are there other routine air quality reporting requirements for this emissions unit?

☒ Yes - Specify reporting frequency below ☐ No - Skip to question 9c

b. Reporting frequency - check all that apply:

☐ Monthly ☒ Quarterly ☐ Semi-annual ☒ Annual ☒ RES

(include Operating Permit and Plan Approval reports, but not exceedance reporting)

c. Is this unit subject to (check all that apply):

☐ NESHAP ☐ NSPS ☐ MACT

10. Hours of operation for this emission unit: ?

☐ a. check if continuously operated - 24 X 7 X 52

0

b. Number of hours per day

0

c. Number of days per week

0

d. Number of weeks per year

e. Percent of total annual operation that occurs in each calendar quarter:

0.0

Q1

0.0

Q2

0.0

Q3

0.0

Q4

Sum of Q1+Q2+Q3+Q4 must = 100%
or 0 if the unit was not operated for any quarter

11. Ozone season schedule - May 1 through September 30:

0

a. Ozone season hours per day

0

b. Ozone season days per week

0

c. Weeks operated in ozone season

12. Emission Release Point - select one: ?

Non-Stack Release Points:

- ☐ fugitive
☐ horizontal vent
☐ gooseneck
☐ downward facing vent
☐ vertical stack/vent less than 10ft

Physical Stacks:

- ☒ vertical stack
☐ vertical with rain cap/sleeve

13. Link this unit to a physical stack (if applicable) - pick from the list below:

52 DRUM CRUSHING LINES

Facility's stack identifier from STACK form - to change stack name use the STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before returning to this form.

14. Air pollution control device/s on this emissions unit? ?

Massachusetts Department of Environmental Protection
Bureau of Air and Waste
Process
Emission Unit

2018

Year of Record

5

DEP EU#

1190564

☐ Yes - answer a through i

☒ No - skip to Section B.

Air pollution control device ?

Click the button below to add a new control device

Add New control device

15. **Monitoring Equipment** on this emissions unit or its related control devices: ?

☐ Yes - answer a through i

☒ No - skip to section B

	Monitor 1	Monitor 2	Monitor 3
a. Monitor type: ?	<input type="radio"/> CEMs <input type="radio"/> opacity <input type="radio"/> fuel flow meter <input type="radio"/> time recorder <input type="radio"/> temperature recorder <input type="radio"/> pressure recorder <input type="radio"/> other <input type="text"/> Describe	<input type="radio"/> CEMs <input type="radio"/> opacity <input type="radio"/> fuel flow meter <input type="radio"/> time recorder <input type="radio"/> temperature recorder <input type="radio"/> pressure <input type="radio"/> other <input type="text"/> Describe	<input type="radio"/> CEMs <input type="radio"/> opacity <input type="radio"/> fuel flow meter <input type="radio"/> time recorder <input type="radio"/> temperature recorder <input type="radio"/> pressure recorder <input type="radio"/> other <input type="text"/> Describe
b. Manufacturer:	<input type="text"/>	<input type="text"/>	<input type="text"/>
c. Model Number:	<input type="text"/>	<input type="text"/>	<input type="text"/>
d. Monitor ID #:	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation Date:	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)
f. DEP Approval #:	<input type="text"/>	<input type="text"/>	<input type="text"/>
g. DEP Approval Date:	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)
h. Decommission Date:	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)	<input type="text"/> (mm/dd/yyyy)
i. Recorder	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no
j. Audible Alarm	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no
k. Data System? ?	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no
l. Monitored Pollutants - check all that apply:	<input type="checkbox"/> PM 10 <input type="checkbox"/> PM 2.5 <input type="checkbox"/> SO2 <input type="checkbox"/> CO <input type="checkbox"/> VOC <input type="checkbox"/> NO2 <input type="checkbox"/> NH3	<input type="checkbox"/> PM 10 <input type="checkbox"/> PM 2.5 <input type="checkbox"/> SO2 <input type="checkbox"/> CO <input type="checkbox"/> VOC <input type="checkbox"/> NO2 <input type="checkbox"/> NH3	<input type="checkbox"/> PM 10 <input type="checkbox"/> PM 2.5 <input type="checkbox"/> SO2 <input type="checkbox"/> CO <input type="checkbox"/> VOC <input type="checkbox"/> NO2 <input type="checkbox"/> NH3

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Process

Emission Unit

2018

Year of Record

5

DEP EU#

1190564

☐ Mercury

☐ Oxygen

☐ CO2

☐ H2S

☐ HCL

☐ Opacity

☐ Other

Describe

☐ Mercury

☐ Oxygen

☐ CO2

☐ H2S

☐ HCL

☐ Opacity

☐ Other

Describe

☐ Mercury

☐ Oxygen

☐ CO2

☐ H2S


☐ HCL

☐ Opacity


☐ Other

Describe

B.Emissions for Raw Materials/Finished Products

☐ Add a NEW material/product: Check the box if you need to add a material or product that you did not report on previously (eDEP will add a blank Sect. B form to your package) 

Number of Additional Fuels :

☐ Delete this material/product: check box if you stopped using this material or product in this unit permanently. You must still report for this year of record even if amount is "0" – the material/product will be removed from the unit in the next report cycle. 

1. Operation Description:

a. Raw material or finished product name or Fuel Type:

MATERIAL

Number of segments for this unit (previous records):

1

b. Is material/product an input or output ?

☐ input ☐ output ☒ fuel


1

DEP #

c. Process Description

2 DRUM CRUSHING LINES

DRUMS


d. Source Classification code (SCC): 

39999999

SCC(call DEP if SCC will not validate)

INDUSTRIAL PROCESSES - MISCELLANEOUS MANUFACTURING
INDUSTRIES - MISCELLANEOUS INDUSTRIAL PROCESSES - OTHER
NOT CLASSIFIED

SCC Description - filled by eDEP upon validation

e. Maximum process rate for material/product: 

120

TONS

Amount



Units per hour

f. If organic material, give percent by weight %, and if fuel, give percent by weight of Sulfur content (0-2.2 percent)

VOC

HOC

HYC

g. Total actual raw material used /finished product or fuel for year of record:

0

TONS


Amount

Units

Caution: check your amounts vs. units (Enter "0" if not used in the year of record)

0

Total annual usage for
prior year

h. Do you have raw material or finished product restrictions? 

☐ yes ☒ no - skip to question 1.i

i. DEP approval number for restrictions: 

Most recent approval number for this material or product

Massachusetts Department of Environmental Protection
Bureau of Air and Waste
Process
Emission Unit

2018

Year of Record

5

DEP EU#

1190564

j. Short term raw material/finished product or fuel restriction (if none leave blank):

<input type="text"/>	<input type="text"/>
Quantity(Amount or hours)	Units
<div><input type="radio"/> month <input type="radio"/> week <input type="radio"/> day <input type="radio"/> hour</div>	

k. Annual material/finished product restriction (if none leave blank):

<input type="text"/>	<input type="text"/>
Quantity(Amount or hours)	Units

l. Indicate which air pollution control devices from Section A, Question 14 control this material/product by listing the facility-designated control device ID # for each unit that applies: ?

<input type="text"/>	<input type="text"/>
Device ID #	Device ID #
<input type="text"/>	<input type="text"/>
Device ID #	Device ID #
<input type="text"/>	<input type="text"/>
Device ID #	Device ID #

2. Total emissions for this material/product - tons per year: ?

Pollutant:	PM10-FIL(Report-ONLY filterable PM)	PM25-FIL(Report-ONLY filterable PM)	PM-CON	SO2 ?
Actual for previous year:	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons
Actual for year of record: ?	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons
Potential emissions ?	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons
Emission Factor ?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
in pounds per unit	<input type="text" value="TONS"/>	<input type="text" value="TONS"/>	<input type="text" value="TONS"/>	<input type="text" value="TONS"/>
Calculation Method	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Max allowed emissions-annual: ?	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons
Max allowed emissions-short term:	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons
Short term Period	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Basis DEP Approval number or regulation: ?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Pollutant:	PB	VOC	NH3	CO
Actual for previous year:	<input type="text"/> Tons	<input type="text" value="0"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons
Actual for year of record: ?	<input type="text"/> Tons	<input type="text" value="0"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons

Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Process

Emission Unit

2018

Year of Record

5

DEP EU#

1190564

Potential emissions?		12		
	Tons	Tons	Tons	Tons
Emission Factor?		0.11		
in pounds per unit	TONS	TONS	TONS	TONS
Calculation Method		Engineering Judgment		
Max allowed emissions-annual?				
	Tons	Tons	Tons	Tons
Max allowed emissions-short term:				
	Tons	Tons	Tons	Tons
Short term Period				
Basis DEP Approval number or regulation?		MBR-87-IND-191		

Pollutant:	NO2	HOC	specify other pollutant
Actual for previous year:			
	Tons	Tons	Tons
Actual for year of record?			
	Tons	Tons	Tons
Potential emissions?			
	Tons	Tons	Tons
Emission Factor?			
in pounds per unit	TONS	TONS	TONS
Calculation Method			
Max allowed emissions-annual?			
	Tons	Tons	Tons
Max allowed emissions-short term:			
	Tons	Tons	Tons
Short term Period			
Basis DEP Approval number or regulation?			

4. Ozone season emissions - May 1 through September 30: ?

0

a. Typical ozone day VOC emissions - pounds per day

☐ Check to enter your own values

0

b. Typical ozone day NOx emissions - pounds per day

☐ Check to enter your own values

Massachusetts Department of Environmental Protection
Bureau of Air and Waste
Process
Emission Unit

2018
Year of Record
5
DEP EU#
1190564

NOTE: The form has estimated the emissions for you. However, you may enter your own values by checking the boxes above for VOC and NOx.

C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission.

2. **Attachments:**

☐ Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

AP4 - Transaction #1173429

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-4
 Emission Unit - Organic Material Storage

2018
 Year of Record
 8
 DEP EU# (old Point#)
 1190564
 Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account Number

1190564

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

AG TANK A3-9,800 GAL

a. Facility's choice of emission unit name - edit as needed

8

b. Facility's emission unit number / code - edit as needed

8

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

01/01/1986

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

8

DEP EU# (old Point#)

14.66

c.Height / Length - Feet

11.5

d. Diameter- feet

9800

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

CARBON BLACK

a.Name of material

10100300

b.CAS number if single chemical

c.SC Code for standing / breathing loss

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - PULVERIZED LIGNITE - BOILER, WET BOTTOM

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

DID NOT USE IN 2018.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

8

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1173429

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-4
 Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

60

DEP EU# (old Point#)

19.13

c.Height / Length - Feet

9.25

d. Diameter- feet

6506

e.Capacity - gallons

6.Construction :

☐ Steel Weld ☒ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

LIQUID WASTE

a.Name of material

10100300

b.CAS number if single chemical

c.SC Code for standing / breathing loss

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - PULVERIZED LIGNITE - BOILER, WET BOTTOM

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

DID NOT LIST ANNUAL THROUGHPUT. WASTE WATER TANK, NOT APPLICABLE TO HAP/ VOC.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

60

DEP EU# (old Point#)

2. Attachments:

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Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

57

DEP EU# (old Point#)

19.25

c.Height / Length - Feet

9.25

d. Diameter- feet

6506

e.Capacity - gallons

6.Construction :

☐ Steel Weld ☒ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

LIQUID WASTE

a.Name of material

10100300

b.CAS number if single chemical

c.SC Code for standing / breathing loss

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - PULVERIZED LIGNITE - BOILER, WET BOTTOM

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

DID NOT LIST ANNUAL THROUGHPUT. WASTE WATER TANK, NOT APPLICABLE TO HAP/ VOC.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

57

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1173429

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-4
 Emission Unit - Organic Material Storage

2018
 Year of Record
 54
 DEP EU# (old Point#)
 1190564
 Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account Number

1190564

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS

a. Facility's choice of emission unit name - edit as needed

54

b. Facility's emission unit number / code - edit as needed

54

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

03/01/2011

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

54

DEP EU# (old Point#)

19.13

c.Height / Length - Feet

9.25

d. Diameter- feet

6506

e.Capacity - gallons

6.Construction :

☐ Steel Weld ☒ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

LIQUID WASTE

a.Name of material

10100300

b.CAS number if single chemical

c.SC Code for standing / breathing loss

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - PULVERIZED LIGNITE - BOILER, WET BOTTOM

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

DID NOT LIST ANNUAL THROUGHPUT. WASTE WATER TANK, NOT APPLICABLE TO HAP/ VOC.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

54

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1173429

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Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

53

DEP EU# (old Point#)

19.13

c.Height / Length - Feet

9.25

d. Diameter- feet

6506

e.Capacity - gallons

6.Construction :

☐ Steel Weld ☒ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

LIQUID WASTE

a.Name of material

10100300

b.CAS number if single chemical

c.SC Code for standing / breathing loss

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - PULVERIZED LIGNITE - BOILER, WET BOTTOM

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

DID NOT LIST ANNUAL THROUGHPUT. WASTE WATER TANK, NOT APPLICABLE TO HAP/ VOC.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

53

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1173429

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Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

52

DEP EU# (old Point#)

20

c.Height / Length - Feet

6

d. Diameter- feet

6300

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

NO.2

a.Name of material

68476302

b.CAS number if single chemical

40301021

c.SC Code for standing / breathing loss

CHEMICAL EVAPORATION - PETROLEUM PRODUCT STORAGE AT REFINERIES - FIXED ROOF TANKS (VARYING SIZES) - DISTILLATE FUEL #2: WORKING LOSS (TANK DIAMETER INDEPENDENT)

d.SCC Code Description - filled by DEP upon validation

0.09

e.Vapor Pressure in PSI at 25 ° C

52

f.Temperature - typical storage temp. in Farenheit

19086

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

52

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1173429

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-4
 Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

51

DEP EU# (old Point#)

25

c.Height / Length - Feet

7

d. Diameter- feet

4000

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

NO.2

a.Name of material

68334305

b.CAS number if single chemical

10100300

c.SC Code for standing / breathing loss

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - PULVERIZED LIGNITE - BOILER, WET BOTTOM

d.SCC Code Description - filled by DEP upon validation

0.135

e.Vapor Pressure in PSI at 25 ° C

52

f.Temperature - typical storage temp. in Farenheit

103717

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

51

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1173429

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Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

26

DEP EU# (old Point#)

10.5

c.Height / Length - Feet

4

d. Diameter- feet

1000

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunitite

7. Material Stored (at start of year) :

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDf - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

THIS TANK WAS NOT USED IN CALENDAR YEAR 2018

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

26

DEP EU# (old Point#)

2. Attachments:

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-4
Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

25

DEP EU# (old Point#)

10.5

c.Height / Length - Feet

7

d. Diameter- feet

2400

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunitite

7. Material Stored (at start of year) :

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDF - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

TANK NOT USED IN YEAR 2018

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

25

DEP EU# (old Point#)

2. Attachments:

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Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

24

DEP EU# (old Point#)

10.5

c.Height / Length - Feet

7

d. Diameter- feet

2400

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDf - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

0.03

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

TANK NOT USED IN 2018

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

24

DEP EU# (old Point#)

2. Attachments:

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-4
 Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

23

DEP EU# (old Point#)

10.5

c.Height / Length - Feet

7

d. Diameter- feet

2400

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunitite

7. Material Stored (at start of year) :

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDf - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

TANK WAS NOT USED IN YEAR 2018

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

23

DEP EU# (old Point#)

2. Attachments:

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BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

18

DEP EU# (old Point#)

6.5

c.Height / Length - Feet

4.83

d. Diameter- feet

700

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

CARBON BLACK

a.Name of material

10100300

b.CAS number if single chemical

c.SC Code for standing / breathing loss

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - PULVERIZED LIGNITE - BOILER, WET BOTTOM

d.SCC Code Description - filled by DEP upon validation

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

0

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

THIS TANK WAS NOT USED IN CALENDAR YEAR 2018

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

18

DEP EU# (old Point#)

2. Attachments:

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Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

14

DEP EU# (old Point#)

11.5

c.Height / Length - Feet

11.2

d. Diameter- feet

10000

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDF - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

1.04

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

516563

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

CARBON BLACK

a.Name of material

10100300

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - PULVERIZED LIGNITE - BOILER, WET BOTTOM

d.SCC Code Description - filled by DEP upon validation

1.04

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

171957

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

14

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2. Attachments:

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Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of Record

DEP EU# (old Point#)

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.

A. Equipment Description

1. Facility identifiers :

a. Facility Name

b. DEP Account Number

c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers :

a. Facility's choice of emission unit name - edit as needed

b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

d. Combined units - enter number of individual units

3. Emission unit installation and decommission dates :

a. Installation Date - estimate if unknown (mm/dd/yyyy)

b. Decommission Date - estimate if unknown (mm/dd/yyyy)

Complete only if the unit was shut down permanently or replaced since the last report .

4. Emission unit replacement :

☒ No ☐ Yes

a. Is this unit replacing another emission unit ?

b. DEP's Emission Unit Number and facility unit name

5. Unit Descriptions :

a. Description

☒ Above Ground ☐ Below Ground

b. Roof Type

☐ Floating Roof ☐ Internal Roof ☒ Fixed ☐ Other

 Specify other

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

13

DEP EU# (old Point#)

18.5

c.Height / Length - Feet

11.2

d. Diameter- feet

10000

e.Capacity - gallons

6.Construction :

☒ Steel Weld ☐ Other weld ☐ Rivet ☐ FiberGlass ☐ Gunite

7. Material Stored (at start of year) :

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SC Code for standing / breathing loss

WASTE DISPOSAL - SOLID WASTE DISPOSAL - INDUSTRIAL - TREATMENT, STORAGE, DISPOSAL/TSDF - GENERAL: FUGITIVE EMISSIONS

d.SCC Code Description - filled by DEP upon validation

0.39

52

e.Vapor Pressure in PSI at 25 ° C

f.Temperature - typical storage temp. in Farenheit

69040

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

8. New Material Stored (enter new material if contents changed during year of record):

a.Name of material

b.CAS number if single chemical

c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

g. Annual Throughput in gallons (enter 0 if not used)

h.RVP - gasoline only

i. Total oxygen percent - gasoline only

j.Oxygenate name - gasoline only

B.Notes and attachement

1.Notes : please include in the space below any additional information that will help DEP understand your submission (5000 character max).

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2018

Year of Record

13

DEP EU# (old Point#)

2. Attachments:

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