



Massachusetts Department of Environmental Protection

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Transaction ID: **1050437**

Document: **AQ Source Registration Package (SR)**

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AP2 Sec A - Transaction #1050437

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Massachusetts Department of Environmental Protection Bureau of Air and Waste

Process

Emission Unit

2016

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 ?

DRUM 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
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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? ?

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☐ 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"/>	<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"/>	<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	Describe	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
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Process

Emission Unit

2016

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☐ Mercury

☐ Oxygen

☐ CO2

☐ H2S

☐ HCL

☐ Opacity

☐ Other

(ETHYLENEBIS(OXYETHYLEN

Describe

☐ Mercury

☐ Oxygen

☐ CO2

☐ H2S

☐ HCL

☐ Opacity

☐ Other

(ETHYLENEBIS(OXYETHYLEN

Describe

☐ Mercury

☐ Oxygen

☐ CO2

☐ H2S

☐ HCL

☐ Opacity

☐ Other

(ETHYLENEBIS(OXYETHYLEN

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 IND

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 conten (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

Units

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

j. Short term raw material/finished product or fuel restriction (if

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Bureau of Air and Waste

Process

Emission Unit

2016

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none leave blank):

Quantity(Amount or hours)

Units

☐ ☐ ☐ ☐
month week day hour

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

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: ?

Device ID #

Device ID #

Device ID #

Device ID #

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"/>	<input type="text" value="TONS"/>
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
Potential emissions ?	<input type="text"/> Tons	<input type="text" value="12"/> Tons	<input type="text"/> Tons	<input type="text"/> Tons
Emission Factor ?	<input type="text"/>	<input type="text" value="0.11"/>	<input type="text"/>	<input type="text"/>

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in pounds per unit	<input type="text"/>	<input type="text" value="TONS"/>	<input type="text" value="TONS"/>	<input type="text" value="TONS"/>
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" value="MBR-87-IND-191"/>	<input type="text"/>	<input type="text"/>

Pollutant:	NO2	*Reserved*	HOC	specify other pollutant <input type="text"/>
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"/>
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"/>

Total CO2e emissions

0

a. Actual for previous year (Tons)

0

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b. Actual for year of record (Tons)

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

b. Typical ozone day NOx emissions - pounds per day

☐ Check to enter your own values

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 #1050437

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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

2016

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 2016.

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

BWP AQ AP-4

Emission Unit - Organic Material Storage

2016

Year of Record

8

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

2016

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

2016

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

2016

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

2016

Year of Record

57

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1050437

Print

Exit



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

2016

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

2016

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

2016

Year of Record

54

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

2016

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

2016

Year of Record

53

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

2016

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

0.090

e.Vapor Pressure in PSI at 25 ° C

52

f.Temperature - typical storage temp. in Farenheit

14343

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

2016

Year of Record

52

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

2016

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

160182

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

2016

Year of Record

51

DEP EU# (old Point#)

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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

2016

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 2016

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

BWP AQ AP-4

Emission Unit - Organic Material Storage

2016

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

2016

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 2016

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

BWP AQ AP-4

Emission Unit - Organic Material Storage

2016

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

2016

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

2724

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 2016

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

BWP AQ AP-4

Emission Unit - Organic Material Storage

2016

Year of Record

24

DEP EU# (old Point#)

2. Attachments:

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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

2016

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 2016

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

BWP AQ AP-4

Emission Unit - Organic Material Storage

2016

Year of Record

23

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

2016

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 2015

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

BWP AQ AP-4

Emission Unit - Organic Material Storage

2016

Year of Record

18

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1050437

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

2016

Year of Record

14

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 A9- 10,000 GAL

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

14

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

14

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

2016

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

496770

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

2016

Year of Record

14

DEP EU# (old Point#)

2. Attachments:

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AP4 - Transaction #1050437

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

2016

Year of Record

13

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 A8 - 10,000 GAL TANK

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

13

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

13

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

2016

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

87800

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

2016

Year of Record

13

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

2016

Year of Record

12

DEP EU# (old Point#)

17.25

c.Height / Length - Feet

12

d. Diameter- feet

9500

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

872504

b.CAS number if single chemical

50300899

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

0.342

e.Vapor Pressure in PSI at 25 ° C

52

f.Temperature - typical storage temp. in Farenheit

247926

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):

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SCC 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

e.Vapor Pressure in PSI at 25° C

52

f.Temperature - typical storage temp. in Farenheit

184183

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

2016

Year of Record

12

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

2016

Year of Record

11

DEP EU# (old Point#)

17.25

c.Height / Length - Feet

12

d. Diameter- feet

9500

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

144802

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):

PROCESS UNIT

a.Name of material

50300899

b.CAS number if single chemical

c.SCC 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

109647

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

2016

Year of Record

11

DEP EU# (old Point#)

2. Attachments:

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AP Stack - Transaction #1050437

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-STACK
Physical Vertical Stacks

2016

Year of Record

1

DEP Stack #

1190564

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

A. Stack Description:

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account number

1190564

c. AQ identifier - SSEIS ID number

2. Stack identifiers:

STACK #1- INCINERATOR #1-VENT-O-MATIC

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

1

b. Facility's stack number - edit as needed

1

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve

b. Combined stacks-enter number of individual stacks:

4. Dimensions:

185

Height in feet above the ground (0.1 - 1200)

1.2

Internal Diameter in feet (0.2 - 600)

5. Gas Exit Velocity:

21

Low end - feet per second (0.1 - 500)

21

High end - feet per second (0.1 - 500)

6. Exit Temperature:

240

Low end - Fahrenheit (50 - 1800)

240

High end - Fahrenheit (50 - 1800)

7. Stack Liner Material:

☒ Metal

☐ Brick Refractory

☐ OTHER

8. Decommission Date - if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

B. Emission Units Associated with Stack - eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted.

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

BWP AQ AP-STACK

Physical Vertical Stacks

2016

Year of Record

1

DEP Stack #

1190564

[illegible]

C. Notes and Attachments

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

INCINERATOR #1-VENT-O-MATIC WAS NOT OPERATED IN 2015.
ON APRIL 3,1998 CHBI DISCONNECTED THE FUEL SUPPLY AND ELECTRICITY LINES THAT SUPPLIED THE INCINERATOR, AND WELDED THE
INCINERATOR CHARGIND DOOR SHUT.

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

BWP AQ AP-STACK

Physical Vertical Stacks

2016

Year of Record

1

DEP Stack #

1190564

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.

AP Stack - Transaction #1050437

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Massachusetts Department of Environmental
Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-STACK
Physical Vertical Stacks

Year of Record

DEP Stack #

Facility AQ identifier

Complete one AP-STACK form for EACH physical stack at the facility

A. Stack Description:

1. Facility identifiers:

a. Facility Name

b. DEP Account number

c. AQ identifier - SSEIS ID number

2. Stack identifiers:

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

b. Facility's stack number - edit as needed

c. DEP stack # - old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual stacks:

4. Dimensions:

Height in feet above the ground (0.1 - 1200)

Internal Diameter in feet (0.2 - 600)

5. Gas Exit Velocity:

Low end - feet per second (0.1 - 500)

High end - feet per second (0.1 - 500)

6. Exit Temperature:

Low end - Fahrenheit (50 - 1800)

High end - Fahrenheit (50 - 1800)

7. Stack Liner Material:

☒ Metal☐ Brick Refractory☐ OTHER

8. Decommission Date - if applicable:

(mm/dd/yyyy) Complete only if the stack was permanently removed

B. Emission Units Associated with Stack - eDEP Only

Below is a list of the emission units associated with this stack. This list is for information only - no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: **this list does not reflect changes you have made on-line, but not yet submitted.**

2016
Year of Record
10
DEP Stack #
1190564
Field Activity Log

[illegible]

C. Notes and Attachments

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

THIS ROOM IS USED TO PUMP WASTE FLAMMABLE LIQUIDS AND OTHER HAZARDOUS WASTE LIQUID DRUMS.

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

BWP AQ AP-STACK

Physical Vertical Stacks

2016

Year of Record

10

DEP Stack #

1190564

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.