Massachusetts Department of Environmental Protection

eDEP Transaction Copy

Here is the file you requested for your records.

To retain a copy of this file you must save and/or print.

Username:	**CLEANHARBORS**
Transaction ID:	**229329**
Document:	**AQ Source Registration Package**
Size of File:	**4846.05K**
Status of Transaction:	**Submitted**
Date and Time Created:	**3/30/2023:3:20:54 PM**

Note: This file only includes forms that were part of your transaction as of the date and time indicated above. If you need a more current copy of your transaction, return to eDEP and select to “Download a Copy” from the Current Submittals page.

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

Source Registration Overview

Create or Amend a Source Registration Forms Package

2008
Year of Record

1190564
Facility AQ identifier

Click "?" icons for important notes

A. Create a Source Registration Package

1. Select existing or new facility:

☑ **Existing** Facilities: To create a complete package for **2008** check box.

☐ check if you added emission units or stacks since your last report.

IMPORTANT !

☐ **New** Facilities – check if you have never before submitted a Source Registration

2. Validate this form:

How do you **replace** units ?

Date Received (DEP use only – mm/dd/yyyy)

B. Amend a Source Registration

1. If you need to correct or add to a previously submitted Source Registration for **2008** check the boxes in the list below to select the forms/units you wish to work on. Check here to add new units: ☐

How do you amend a prior year's Source Registration ?

2. Validate this form:

Facility Name: **CLEAN HARBORS OF BRAINTREE**

Our records indicate that this facility has: **57** Emission Units (points) and **8** Physical Stacks

☑ AP-SR Source Registration Form (general facility and contact information) – REQUIRED
☑ AP-TES Total Emissions Statement (facility-wide emissions; includes hazardous Air Pollutant (HAP) reporting).

How does the new numbering system differ from the old ?

	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
☑	BOILER #2-HURST #30 1.004 MMBTU/HR #2 OIL-0.3 S	2	2	AP-1	2007
☑	BOILER #1-CLEAVER BROOKS- #2 OIL 0.3 PERCENTSULFUR	3	3	AP-1	2007
☑	GENERATOR #2-CUMMINS #NT855G2 #2 DIESEL	50	50	AP-1	2007
☑	GENERATOR #1-CATERPILLAR 558.5 KW #2 OIL-0.3 PERS	55	55	AP-1	2007
☑	2 LENNOX FURNACES SR 20Q5-140/154 0.246 MMBTU/HR	64	64	AP-1	2007
☑	THREE DISTILLATION UNITS 710 GAL/HR NOT USED 2007	4	4	AP-2	2007
☑	2 DRUM CRUSHING LINES	5	5	AP-2	2007
☑	REPACKAGING SOLVENTS	61	61	AP-2	2007
☑	STACK 1 POINT 1 SEGMENT	1	1	AP-3	2007
☑	AG TANK A1-9,800 GAL WASTE STREAM A-21	6	6	AP-4	2007
☑	AG TANK A2-9,800 GAL WASTE STREAM A-22	7	7	AP-4	2007
☑	AG TANK A3-9,800 GAL WASTE STREAM A-22	8	8	AP-4	2007
☑	AG TANK A4- 5,200 GAL WASTE STREAM A-40	9	9	AP-4	2007

Additional units (if any) listed on following pages

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

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	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
✔	AG TANK A5- 5,200 GAL WASTE STREAM A-22	10	10	AP-4	2007
✔	AG TANK A6- 9,000 GAL WASTE STREAM A-32	11	11	AP-4	2007
✔	AG TANK A7- 9,000 GAL WASTE STREAM A-40	12	12	AP-4	2007
✔	AG TANK A8- 5,000 GAL WASTE STREAM A-22	13	13	AP-4	2007
✔	AG TANK A9- 5,000 GAL WASTE STREAM B-40	14	14	AP-4	2007
✔	AG TANK A10- 9,800 GAL WASTE STREAM A-21	15	15	AP-4	2007
✔	AG TANK A11- 5,000 GAL WASTE STREAM A-21	16	16	AP-4	2007
✔	AG TANK A17B- 750 GAL -EMPTY 2005-	18	18	AP-4	2007
✔	AG TANK A22- 2,400 GAL -PCB	23	23	AP-4	2007
✔	AG TANK A23- 2,400 GAL - PCB	24	24	AP-4	2007
✔	AG TANK A24- 2,400 GAL - PCB	25	25	AP-4	2007
✔	AG TANK A25- 1,000 GAL -NOT USED 2007- PCB	26	26	AP-4	2007
✔	AG TANK F1- 2,000 GAL -NOT USED 2007-	27	27	AP-4	2007
✔	AG TANK F2- 2,000 GAL -NOT USED 2007	28	28	AP-4	2007
✔	AG TANK F3-/SS 2,000 GAL -NOT USED 2007-	29	29	AP-4	2007
✔	AG TANK F4- 2,000 GAL -NOT USED 2007	30	30	AP-4	2007
✔	AG TANK F5- 2,000 GAL -NOT UESD 2007- SOLVENT	31	31	AP-4	2007
✔	AG TANK F6- 2,000 GAL -NOT UESD 2007- SOLVENT	32	32	AP-4	2007
✔	AG TANK F8- 1,500 GAL -NOT USED 2007- SOLVENT	34	34	AP-4	2007
✔	AG TANK P1- 3,000 GAL - NOT USED 2007	35	35	AP-4	2007
✔	AG TANK P2- 3,000 GAL -NOT USED 2007-	36	36	AP-4	2007
✔	AG TANK P3- 3,000 GAL -NOT USED 2007	37	37	AP-4	2007
✔	AG TANK P4- 3,000 GAL -NOT USED 2007	38	38	AP-4	2007
✔	AG TANK P5- 3,000 GAL -NOT USED 2007	39	39	AP-4	2007
✔	AG TANK P6- 3,000 GAL -NOT USED 2007	40	40	AP-4	2007
✔	AG TANK P7- 3,000 GAL -NOT USED 2007	41	41	AP-4	2007
✔	AG TANK P8- 3,000 GAL -NOT USED 2007	42	42	AP-4	2007
✔	AG TANK P9- 3,000 GAL -NOT USED 2007	43	43	AP-4	2007
✔	AG TANK P10- 3,000 GAL -NOT USED 2007	44	44	AP-4	2007
✔	AG TANK P11- 3,000 GAL -NOT USED 2007	45	45	AP-4	2007
✔	AG TANK P12- 3,000 GAL -NOT USED 2007	46	46	AP-4	2007
✔	AG TANK P13- 2400 GAL -NOT USED 2007	47	47	AP-4	2007

Massachusetts Department of Environmental Protection
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Create or Amend a Source Registration Forms Package

	Emission unit name	Facility's ID#	DEP#	AP form	Last update
☑	AG TANK P14- 2400GAL -NOT USED 2007	48	48	AP-4	2007
☑	AG TANK A13- 4,000 GAL #2 DIESEL -LOW SULF	51	51	AP-4	2007
☑	AG TANK A12- 6,300 GAL FUEL OIL # 2	52	52	AP-4	2007
☑	AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS	53	53	AP-4	2007
☑	AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS	54	54	AP-4	2007
☑	AG TANK B3- POLYOLEFIN TANKS WASTEWATER NO VOCS	56	56	AP-4	2007
☑	AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS	57	57	AP-4	2007
☑	AG TANK B5- POLYHLEFIN H TANKS WASTEWATER NO VOCS	58	58	AP-4	2007
☑	AG TANK B6- POLYOLEFIN H TANKS WASTEWATER NO VOCS	59	59	AP-4	2007
☑	AG TANK B7- POLYOLEFIN H TANKS WASTEWATER NO VOCS	60	60	AP-4	2007
☑	AG TANK B8- POLYOLEFIN H TANKS WASTEWATER NO VOCS	62	62	AP-4	2007
☑	AG TANK B9 POLYOLEFIN H TANKS WASTEWATER NO VOCS	63	63	AP-4	2007
☑	STACK #1- INCINERATOR #1-VENT-O-MATIC- NA 2007	1	1	AP-STAC	2007
☑	STACK #2- BOILER #2- HURST #30- #2 OIL 0.3 PER. S	2	2	AP-STAC	2007
☑	1 STACK BOILER #1-CLEAVER BROOKS- #2 OIL	3	3	AP-STAC	2007
☑	THREE DISTILLATION UNITS- NOT USED 2007	4	4	AP-STAC	2007
☑	2 DRUM CRUSHING LINES-	5	5	AP-STAC	2007
☑	1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR	7	7	AP-STAC	2007
☑	1 STACK-2 FURNACES LENNOX	9	9	AP-STAC	2007
☑	CUT OFF ROOM - PAINT CAN POUR OFF+CRUSHING 2007	10	10	AP-STAC	2007
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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Air Quality

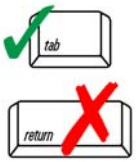
BWP AQ AP-SR

Source Registration

2008
Year of Record

1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Facility Information

1. Facility - the site or works at which the regulated activity occurs:

CLEAN HARBORS OF BRAINTREE
a. Facility Name

1 HILL AVE
b. Facility Street Address Line 1

c. Facility Street Address Line 2

BRAINTREE | MA | 021840000
d. City/Town | e. State | f. Zip Code

7813807100 | **7813807193**
g. Facility Phone Number | h. Facility Fax Number

2. Mailing address: ☑ same address as facility address

1 HILL AVE
a. Facility Mailing Address / PO Box Line 1

b. Facility Mailing Address / PO Box Line 2

BRAINTREE | **MA** | **021840000**
c. City/Town | d. State | e. Zip Code

3. Facility type – check one:

☐ Utility ☑ Private ☐ Tribal ☐ Federal ☐ State ☐ Local Government

4. ORIS Facility Code - for large electrical utilities only:

ORIS Facility Code

5. ID numbers:

34839
a. DEP Account number / FMF Facility #

1190564
b. Facility AQ identifier – SSEIS ID number

6. Location (check box to enter either UTM **OR** Lat/Long) :

How to find **location data** ?

☐ a. UTM coordinates

c. UTMHorizontal - meters | d. UTM Vertical - meters

e. UTM Zone

Valid Ranges:

☑ b. Latitude/Longitude

42.130570
f. Latitude 42.9^0 - 41.2^0

70.5804
g. Longitude – West
73.5^0 - 69.8^0
Enter positive values only.

A. Facility Information (cont.)

7. North American Industry Classification System (NAICS) 6 digits:

a.	b.	c.	d.
562211			

8. Facility description (what is being produced and how it is being produced at this facility – update as needed):

CLEAN HARBORS OF BRAINTREE INC. IS A HAZARDOUS WASTE TSDF. NO PRODUCTION AT THIS FACILITY.

9. Facility's normal hours of operation:

a. Start time	b. End Time	c. Continuous - 24 x 7 x 52
06:00 AM	**06:30 PM**	☐

d. Which days is the facility open? ☐ S ☑ M ☑ T ☑ W ☑ T ☑ F ☐ S

10. Number of employees: **21**

11. Facility Owner: ☑ same address as facility mailing address (will copy address into fields below)

Who is an **Owner** ?

Please contact your DEP Regional Office if the ownership of this facility has changed.

CLEAN HARBORS OF BRAINTREE INC
a. Owner or Corporation Name

1 HILL AVE
b. Mailing Address Line 1 (for owner or corporation)

c. Mailing Address Line 2

d. City/Town	e. State	f. Zip Code
BRAINTREE	**MA**	**021840000**

USA
g. Country

h. Owner Phone Number	i. Extension	j. Owner Fax Number
7813807100		**7813807193**

medinad@cleanharbors.com
k. Owner E-mail Address

l. Owner TIN (Taxpayer Identification Number - 9 digits)

A. Facility Information (cont.)

12. Facility **contact** information:
☑ same address as facility address
☐ same address as facility mailing address

DAVID — a. Facility Contact **First** Name
MEDINA — Contact **Last** Name
1 HILL AVE — b. Mailing Address Line 1
c. Mailing Address Line 2
BRAINTREE — d. City/Town
MA — e. State
021840000 — f. Zip Code
USA — g. Country
medinad@cleanharbors.com — h. E-mail Address
7813807134 — i. Phone Number
j. Extension
7813807193 — k. Fax Number

13. **Air emissions information** contact:
☑ same as facility contact name and address
☐ same address as facility address

DAVID — a. Air emissions contact **First** Name
MEDINA — Air emissions contact **Last** Name
1 HILL AVE — b. Mailing Address Line 1
c. Mailing Address Line 2
BRAINTREE — d. City/Town
MA — e. State
021840000 — f. Zip Code
USA — g. Country
medinad@cleanharbors.com — h. E-mail Address
7813807134 — i. Phone Number
j. Extension
7813807193 — k. Fax Number

B. Preparer

1. Identification information for **preparer** of this submittal:
☑ same as facility air emissions contact name and address
☐ same as facility contact name and address
☐ same address as facility address

DAVID — a. Preparer **First** Name
MEDINA — Preparer **Last** Name
1 HILL AVE — b. Mailing Address Line 1
c. Mailing Address Line 2
BRAINTREE — d. City/Town
MA — e. State
021840000 — f. Zip Code
USA — g. Country
medinad@cleanharbors.com — h. E-mail Address
7813807134 — i. Phone Number
j. Extension
7813807193 — k. Fax Number

BWP AQ AP-SR

Source Registration

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1190564
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C. Notes and Attachments

1. **Notes**: please include in the space below 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 I notes above and deliver them to DEP with a paper copy of this form.

D. Certification

Who is a **Responsible Official** ?

"I hereby certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and, that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

A responsible official for the facility must provide the electronic signature. The signature and date are inserted below by eDEP when the package is submitted.

Responsible official – complete all fields below:

DAVID
a. Print **First** Name

MEDINA
b. Print **Last** Name

FACILITY COMPLIANCE MANAGER
c. Title

7813807134
d. Phone Number

medinad@cleanharbors.com
e. E-mail Address

What if you are not a Responsible Official ?

Signed under the pains and penalties of perjury:

David S. Medina
Signature of Responsible Official

03/09/2009
Date

eDEP enters these fields automatically on submission.

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

BWP AQ AP-TES

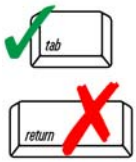
Total Emissions Statement & Hazardous Air Pollutant List

2008
Year of record

1190564
Facility AQ identifier

A. Annual Total Emissions Statement

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Facility Identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. **Total Emissions** - This form calculates your facility's actual and potential emissions by adding the emissions you entered in forms for each emission unit. The results are displayed in the table below. You must validate forms for each emission unit before the results below can be complete. To enter HAP emissions, see Section D.

3. **Facility-wide Emission Limits** -- Please enter facility-wide annual or short-term emissions limits below, if any. To enter HAP restrictions, see Section D.

Pollutant:	**PM10**	**PM2.5**	**SO2**	**NO2**	**CO**
Actual for previous year eDEP only:	.0663 Tons	.0382 Tons	1.0797 Tons	.6933 Tons	.1619 Tons
Actual for year of record:	**0.0445** Tons	**0.0303** Tons	**0.6033** Tons	**0.5142** Tons	**0.1206** Tons
Potential emissions at max capacity uncontrolled:	**9.8747** Tons	**9.5163** Tons	**16.8433** Tons	**142.5868** Tons	**35.7217** Tons
Facility-wide restrictions on: Facility-wide max allowed emissions – annual:	Tons	Tons	Tons	**17.3** Tons	Tons
Facility-wide max allowed emissions – short term:	Pounds	Pounds	Pounds	**9400** Pounds	Pounds
Short term period:				MONTH	
Basis: DEP approval number or regulation:				MBR-95-RES-047	

Pollutant:	**VOC**	**HOC**	***Reserved***	**NH3**	☐ **CO2**
Actual for previous year eDEP only:	.0198 Tons	0 Tons	0 Tons	.0382 Tons	Tons
Actual for year of record:	**0.0226** Tons	**0** Tons	**0** Tons	**0.0302** Tons	**0.1200** Tons
Potential emissions at max capacity uncontrolled:	**41.2766** Tons	**0** Tons	**0** Tons	**9.4992** Tons	**0.0000** Tons
Facility-wide restrictions only: Facility-wide max allowed emissions – annual:	**36.2** Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – short term:	**23600** Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:	MONTH				
Basis: DEP approval number or regulation:	MBR-95-RES-047				

A. Annual Total Emissions Statement (cont.)

4. If you have **facility-wide** fuel, raw material, or product restrictions, complete the following for each:

a.	**MBR-86-COM-027**	**376680.0000**	GALLONS	YEAR
	DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
	NUMBER 2 OIL 0/3PERCENT SULPHUR			
	Description of fuel, raw material or product restricted			

b.	**MBR-89-COM-31**	**300.0000**	HOUR	YEAR
	DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
	NUMBER 2 OIL 0/3PERCENT SULPHUR			
	Description of fuel, raw material or product restricted			

c.	**EXEMPT**	**111252.0000**	GALLONS	YEAR
	DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
	NUMBER 2 OIL 0/3PERCENT SULPHUR			
	Description of fuel, raw material or product restricted			

B. Greenhouse Gas List

GHG thresholds – what to report and what not to report here

1. Please indicate which – if any - of the following greenhouse gas chemicals are used and/or emitted by checking the appropriate box:

Use	Emitted		Use	Emitted	
☐	☐	Nitrous oxide N2O	☐	☐	Hydrofluorocarbons (HFC's)
☐	☐	Sulfur Hexafluoride (SF6)	☐	☐	Perfluorocarbons (PFCs)

C. Hazardous Air Pollutant (HAP) List

HAP thresholds – what to report and what not to report here

1. Does your facility use any of the Hazardous Air Pollutants regulated under Section 112 of the Clean Air Act that are listed below and on the following pages:

☑ yes - indicate which chemicals are used and which are emitted by checking the appropriate boxes
☐ no - skip to section D.

What is a HAP ?

Hazardous Air Pollutants				Hazardous Air Pollutants		
Use	Emitted		CAS #	Use	Emitted	CAS #
☐	☑	Acetaldehyde	75-07-0	☐	☐	Allyl chloride	107-05-1
☐	☑	Acetamide	60-35-5	☐	☐	4-Aminobiphenyl	92-67-1
☐	☑	Acetonitrile	75-05-8	☐	☑	Aniline	62-53-3
☐	☐	Acetophenone	98-86-2	☐	☐	o-Anisidine	90-04-0
☐	☐	2-Acetylaminofluorene	53-96-3	☐	☑	Asbestos	1332-21-4
☐	☐	Acrolein	107-02-8	☐	☑	Benzene	71-43-2
☐	☑	Acrylamide	79-06-1	☐	☐	Benzidine	92-87-5
☐	☑	Acrylic acid	79-10-7	☐	☐	Benzotrichloride	98-07-7
☐	☑	Acrylonitrile	107-13-1	☐	☐	Benzyl chloride	100-44-7

C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emitted	CAS #	Use	Emitted	CAS #
☐	☐ Biphenyl	92-52-4	☐	☐ 2,4-Dinitrotoluene	121-14-2
☐	☑ Bis(2-ethylhexyl)phthalate	117-81-7	☐	☑ 1,4-Dioxane (1,4-Diethyleneoxide)	123-91-1
☐	☐ Bis(chloromethyl)ether	542-88-1	☐	☐ 1,2-Diphenylhydrazine	122-66-7
☐	☑ Bromoform	75-25-2	☐	☑ Epichlorohydrin (1-Chloro-2,3-epoxypropane)	106-89-8
☐	☐ 1,3-Butadiene	106-99-0	☐	☑ 1,2-Epoxybutane (1,2-Butylene oxide)	106-88-7
☐	☐ Calcium cyanamide	156-62-7	☐	☑ Ethyl acrylate	140-88-5
☐	☐ Captan	133-06-2	☐	☑ Ethyl benzene	100-41-4
☐	☑ Carbaryl	63-25-2	☐	☑ Ethyl carbamate (Urethane)	51-79-6
☐	☑ Carbon disulfide	75-15-0	☐	☐ Ethyl chloride (Chloroethane)	75-00-3
☐	☑ Carbon tetrachloride	56-23-5	☐	☐ Ethylene dibromide (1,2-Dibromoethane)	106-93-4
☐	☑ Carbonyl sulfide	463-58-1	☐	☑ Ethylene dichloride (1,2-Dichloroethane)	107-06-2
☐	☑ Catechol	120-80-9	☐	☑ Ethylene glycol	107-21-1
☐	☐ Chloramben	133-90-4	☐	☑ Ethylene imine (Aziridine)	151-56-4
☐	☑ Chlordane	57-74-9	☐	☑ Ethylene oxide	75-21-8
☐	☑ Chlorine	7782-50-5	☐	☐ Ethylene thiourea	96-45-7
☐	☑ Chloroacetic acid	79-11-8	☐	☐ Ethylidene dichloride (1,1-Dichloroethane)	75-34-3
☐	☐ 2-Chloroacetophenone	532-27-4	☐	☑ Formaldehyde	50-00-0
☐	☑ Chlorobenzene	108-90-7	☐	☑ Heptachlor	76-44-8
☐	☐ Chlorobenzilate	510-15-6	☐	☐ Hexachlorobenzene	118-74-1
☐	☑ Chloroform	67-66-3	☐	☐ Hexachloro-butadiene	87-68-3
☐	☐ Chloromethyl methyl ether	107-30-2	☐	☐ Hexachlorocyclopentadiene	77-47-4
☐	☐ Chloroprene	126-99-8	☐	☑ Hexachloroethane	67-72-1
☐	☑ Cresols (mixed isomers)	1319-77-3	☐	☐ Hexamethylene-1,6-diisocyanate	822-06-0
☐	☑ m-Cresol	108-39-4	☐	☐ Hexamethylphosphoramide	680-31-9
☐	☑ o-Cresol	95-48-7	☐	☑ Hexane	110-54-3
☐	☑ p-Cresol	106-44-5	☐	☑ Hydrazine	302-01-2
☐	☑ Cumene	98-82-8	☐	☑ Hydrochloric acid	7647-01-0
☐	☑ 2,4-D, salts and esters	94-75-7	☐	☑ Hydrogen fluoride	7664-39-3
☐	☐ DDE	72-55-9	☐	☐ Hydrogen sulfide	7783-06-4
☐	☐ Diazomethane	334-88-3	☐	☑ Hydroquinone	123-31-9
☐	☐ Dibenzofuran	132-64-9	☐	☐ Isophorone	78-59-1
☐	☐ 1,2-Dibromo-3-chloropropane	96-12-8	☐	☑ Lindane	58-89-9
☐	☐ Dibutylphthalate	84-74-2	☐	☑ Maleic anhydride	108-31-6
☐	☑ 1,4-Dichlorobenzene	106-46-7	☐	☑ Methanol	67-56-1
☐	☐ 3,3-Dichlorobenzidene	91-94-1	☐	☑ Methoxychlor	72-43-5
☐	☐ Dichloroethylether (Bis(2-chloroethyl)ether)	111-44-4	☐	☑ Methyl bromide (Bromomethane)	74-83-9
☐	☐ 1,3-Dichloropropene (1,3-Dichloropropylene)	542-75-6	☐	☑ Methyl chloride (Chloromethane)	74-87-3
☐	☐ Dichlorvos	62-73-7	☐	☑ Methyl chloroform (1,1,1-Trichloroethane)	71-55-6
☐	☑ Diethanolamine	111-42-2	☐	☑ Methyl ethyl ketone (not required)	78-93-3
☐	☐ N,N-Diethyl aniline (N,N-Dimethylaniline)	121-69-7	☐	☐ Methyl hydrazine	60-34-4
☐	☐ Diethyl sulfate	64-67-5	☐	☐ Methyl iodide (Iodomethane)	74-88-4
☐	☐ 3,3-Dimethoxybenzidine	119-90-4	☐	☑ Methyl isobutyl ketone (Hexone)	108-10-1
☐	☐ Dimethyl aminoazobenzene	60-11-7	☐	☐ Methyl isocyanate	624-83-9
☐	☐ 3,3-Dimethyl benzidine	119-93-7	☐	☑ Methyl methacrylate	80-62-6
☐	☐ Dimethyl carbamoyl chloride	79-44-7	☐	☑ Methyl tert-butyl ether	1634-04-4
☐	☑ Dimethyl formamide (N,N-)	68-12-2	☐	☑ 4,4-Methylenebis(2-chloroaniline)	101-14-4
☐	☐ 1,1-Dimethyl hydrazine	57-14-7	☐	☑ Methylene chloride (Dichloromethane)	75-09-2
☐	☐ Dimethyl phthalate	131-11-3	☐	☐ Methylene diphenyl diisocyanate(MDI)	101-68-8
☐	☑ Dimethyl sulfate	77-78-1	☐	☐ 4,4-Methylenedianiline	101-77-9
☐	☐ 4,6-Dinitro-o-cresol and salts	534-52-1	☐	☑ Naphthalene	91-20-3
☐	☐ 2,4-Dinitrophenol	51-28-5	☐	☐ Nitrobenzene	98-95-3

C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emitted	CAS #
☐	☐ 4-Nitrobiphenyl	92-93-3
☐	☐ 4-Nitrophenol	100-02-7
☐	☐ 2-Nitropropane	79-46-9
☐	☐ N-Nitrosodimethylamine	62-75-9
☐	☐ N-Nitrosomorpholine	59-89-2
☐	☐ N-Nitroso-N-methylurea	684-93-5
☐	☐ Parathion	56-38-2
☐	☐ Pentachloronitrobenzene (Quintozene)	82-68-8
☐	☐ Pentachlorophenol	87-86-5
☐	☑ Phenol	108-95-2
☐	☑ p-Phenylenediamine	106-50-3
☐	☐ Phosgene	75-44-5
☐	☐ Phosphine	7803-51-2
☐	☐ Phosphorous	7723-14-0
☐	☑ Phthalic anhydride	85-44-9
☐	☑ PCBs	1336-36-3
☐	☐ 1,3- Propane sultone	1120-71-4
☐	☐ beta-Propiolactone	57-57-8
☐	☐ Propionaldehyde	123-38-6
☐	☐ Propoxur (Baygon)	114-26-1
☐	☐ Propylene dichloride (1,2 Dichloropropane)	78-87-5
☐	☐ Propylene oxide	75-56-9
☐	☐ 1,2-Propylenimine (2-Methyl aziridine)	75-55-8
☐	☑ Quinoline	91-22-5
☐	☐ Quinone	106-51-4
☐	☑ Styrene	100-42-5
☐	☐ Styrene oxide	96-09-3
☐	☐ 2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
☐	☐ 1,1,2,2-Tetrachloroethane	79-34-5
☐	☑ Tetrachloroethylene (Perchloroethylene)	127-18-4
☐	☐ Titanium tetrachloride	7550-45-0
☐	☑ Toluene	108-88-3
☐	☐ Toluene-2,4- diamine	95-80-7
☐	☑ 2,4-Toluene diisocyanate	584-84-9
☐	☐ o-Toluidene	95-53-4
☐	☑ 1,2,4-Trichlorobenzene	120-82-1
☐	☑ 1,1,2-Trichloroethane	79-00-5
☐	☑ Trichloroethylene	79-01-6
☐	☐ 2,4,5-Trichlorophenol	95-95-4
☐	☑ Triethylamine	121-44-8
☐	☐ Trifluralin	1582-09-8
☐	☐ 2,2,4-Trimethylpentane	540-84-1
☐	☑ Vinyl acetate	108-05-4
☐	☐ Vinyl bromide	593-60-2
☐	☑ Vinyl chloride	75-01-4
☐	☑ Vinylidene chloride (1,1-Dichloroethylene)	75-35-4
☐	☑ Xylene (mixed isomers)	1330-20-7
☐	☑ m-Xylene	108-38-3
☐	☑ o-Xylene	95-47-6
☐	☑ p-Xylene	106-42-3
☐	☑ Antimony	7440-36-0
	Arsenic compounds:	
☐	☑ Arsenic	7440-38-2
☐	☑ Arsine	7784-42-1
	Other Metals:	
☐	☑ Beryllium	7440-41-7
☐	☑ Cadmium	7440-43-9
☐	☑ Chromium	7440-47-3
☐	☑Cobalt	7440-48-4
☐	☑ Lead	7439-92-1
☐	☑ Manganese	7439-96-5
☐	☑ Mercury	7439-97-6
☐	☑ Nickel	7440-02-0
☐	☐ Selenium	7782-49-2
☐	☐ Coke oven emissions	
☐	☑ Cyanide compounds (XCN where X=H or any other group where a formal dissociation may occur)	
☐	☐ Hydrogen cyanide	74-90-8
☐	☑ Glycol ethers (include mono- and di- esters of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH2CH2)n-OR' where n = 1, 2, or 3: R = alkyl C7 or less; or R= phenyl or alkyl substituted phenyl; R' = H or alkyl C7 or less; or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate or sulfonate.	
☐	☐ Fine mineral fibers (includes glass microfibers, glass wool fibers, rock wool fibers and slag wool fibers, each characterized as "respirable" (fiber diameter < 3.5 micrometers) and possessing an aspect ratio (fiber length divided by fiber diameter) > 3)	
☐	☑ Polycyclic Organic Matters (POM) (includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 C)	
☐	☐ Radionuclides (a type of atom which spontaneously undergoes radioactive decay)	

D. Hazardous Air Pollutant Emissions

Do you need an operating permit?

1. Does the facility have the potential to emit (PTE) 10 tons of any single listed Hazardous Air Pollutant (HAP)?

   ☑ yes ☐ no

Are you subject to TURA ?

2. Does the facility have the potential to emit (PTE) a total of 25 tons of any combination of listed Hazardous Air Pollutants (HAPs)?

   ☑ yes ☐ no

3. Does the facility have a restriction on total HAPS?

   ☑ yes ☐ no

4. Are you required to report HAP emissions here for any other reason? (e.g., a permit condition)

   ☐ yes ☑ no

5. If you answered "yes" to any of the questions 1- 4 above you need to report your single largest HAP emissions and your total HAP emissions for the year. You also need to report emissions for any HAP for which you have an emissions restriction. eDEP will generate additional pages needed to enter that data. If you wish to submit additional HAP data, you may add them to the HAP pages that follow or in the attachments and notes sections below.

E. Notes and Attachments

1. **Notes:** Please include in the space below 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 in the notes field above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

2008
Year of record

1190564
Facility AQ identifier

F. Hazardous Air Pollutant Emissions

Read First

Emissions (in tons/yr): Enter the actual and potential emissions for your largest single HAP (i.e., the HAP your facility emitted the most of for this year of record). Enter emissions for any additional HAPs, and then validate the form. Do not enter Total HAP emissions here – eDEP will present another form for Total HAPs after you validate this form.

Max Allowable Emissions (in tons/yr): Enter only restrictions (limits) that apply to the entire facility. If there are no such restrictions, leave blank.

Where do you enter TOTAL HAP emissions ?

	HAP	HAP	HAP
HAP name:	XYLENES (MIXTURE OF O,	METHANOL	
CAS # for individual HAPs if applicable:	1330207	67561	
Actual for previous year eDEP only:	.032 Tons	.262 Tons	.2 Tons
Actual for year of record:	0.0170 Tons	0.3410 Tons	Tons
Potential emissions at max capacity uncontrolled:	12.8000 Tons	12.8 Tons	Tons
Enter facility-wide limits only: Maximum allowed emissions – annual:	18.6 Tons	18.6 Tons	Tons
Maximum allowed emissions – short term:	5000 Pounds	5000 Pounds	Pounds
Short term period:	MONTH	MONTH	
Basis for max allowed – DEP approval # or regulation:	MBR-95-RES-047	MBR-95-RES-047	MBR-95-RES-047

	HAP	HAP	HAP
HAP name:			
CAS # for individual HAPs if applicable:			
Actual for previous year eDEP only:	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons
Potential emissions at max capacity uncontrolled:	Tons	Tons	Tons
Enter facility-wide limits only: Maximum allowed emissions – annual:	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds
Short term period:			
Basis for max allowed – DEP approval # or regulation:			

Do you have emissions to report for individual HAPs in addition to those above? ☐ yes ☑ no

eDEP online filers: if you check yes, the system will provide you with an additional blank emissions table after you validate this form.

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Total Emissions Statement & Hazardous Air Pollutant List

2008
Year of record

1190564
Facility AQ identifier

G. Total Hazardous Air Pollutant (HAP) Emissions

1. **Total HAP Emissions** – Enter your TOTAL HAP emissions for the facility below. Please enter any facility-wide restrictions on TOTAL HAPs below as well:

	Facility-Wide Total HAP Emissions	
a. Actual for previous year eDEP only:	1.042 Tons	
b. Actual for year of record:	**1.0040** Tons	
c. Potential at max capacity uncontrolled:	**53.6000** Tons	
d. Max allowed emissions – annual:	**18.6000** Tons	Facility-wide restriction only
e. Max allowed emissions – short term:	**10600** Pounds	Facility-wide restriction only
f. Short term period:	**MONTH**	
g. Basis for max allowed emissions:	**MBR-95-RES-047**	DEP approval # or regulation

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Bureau of Waste Prevention – Air Quality

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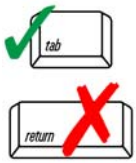
Emission Unit – Fuel Utilization Equipment

2008
Year of record
64
DEP EU# (old Point #)
1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

2 LENNOX FURNACES SR 20Q5-140/154 0.246 MMBTU/HR
a. Facility's choice of emission unit name – edit as needed

64
b. Facility's emission unit number / code – edit as needed

64
c. DEP emissions unit # – old point #

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

a. Most recent approval number

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

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☑ yes ☐ no

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

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15
Reason for exemption

How to **delete** a unit? (click ?-icon)

6. Emission unit installation date and decommission date:

6/1/1994
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable
Complete only if the unit was shutdown permanently or replaced since the last report.

7. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emission unit number and name for the unit being replaced below:

b. DEP's emission unit number and facility unit name

8. 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 8c

b. Reporting frequency - check all that apply:

☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual ☑ 4. Annual ☑ 5. 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

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Emission Unit – Fuel Utilization Equipment

2008
Year of record
64
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to report on combined units ?

9. Equipment:

a. Type

☐ boiler ☑ furnace ☐ engine ☐ other:

Describe "other" equipment type

LENNOX
b. Manufacturer

SR20Q5-140
c. Model number

What to do if data unknown or not available ?

0.1230
d. Max input rating MMBtu/hr (enter "0" if not applicable)

1
e. Number of burners (enter "0" if not applicable)

f. Type of burner – check one:

☐ rotary ☑ mech. atomizer ☐ steam atomizer
☐ air atomizer ☐ traveling grate ☐ hand fired
☐ other:

"other" burner type

BECKETT
g. Burner manufacturer

AFG
h. Burner model number

6/1/1995
i. Burner installation date (mm/dd/yyyy)

10. Hours of operation for the emission unit: a. ☐ check if continuously operated – 24 x 7 x 52

24
b. Number of hours per day

7
c. Number of days per week

21
d. Number of weeks per year

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

61.0	10.0	0.0	29.0
Q1	Q2	Q3	Q4

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

11. Ozone season operation 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 exh. ☐ downward facing vent
☐ vertical stack/vent less than 10ft

Physical Stacks:

☑ vertical stack
☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

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 STACK form

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

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Emission Unit – Fuel Utilization Equipment

2008
Year of record

64
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

14. Is there a pollution control device on this emissions unit?

☐ yes – answer a through i ☑ no – skip to question 15

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to **delete** a control ?

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
a. Type		Type	Type
b. Manufacturer		Manufacturer	Manufacturer
c. Model number		Model number	Model number
d. Facility's ID for this device		Facility's ID for this device	Facility's ID for this device
e. Installation date (mm/dd/yyyy)		Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
f. DEP approval # (most recent)		DEP approval # (most recent)	DEP approval # (most recent)
g. DEP approval date (mm/dd/yyyy)		DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
h. Decommission date (mm/dd/yyyy)		Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

i. Percent overall efficiency - enter for all pollutants that the device was designed to control:

	% Overall eff.	% Overall eff.	% Overall eff.
PM 10			
PM 2.5			
SO2			
CO			
VOC			
NO2			
NH3			
HOC			
HYC			
Hg			
Pb			
Other			
	Specify "Other"	Specify "Other"	Specify "Other"

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Emission Unit – Fuel Utilization Equipment

2008
Year of record
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1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to **delete** a monitor?

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

☐ yes – answer a through l ☑ no – skip to section B

Do not leave blank – if unknown write 'unknown' or estimate (a–e)

Leave **f, g, h** blank if not applicable.

	Monitor 1	**Monitor 2**	**Monitor 3**
a. Monitor type:	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"
b. Manufacturer:			
c. Model number:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants (check all that apply):	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"

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Emission Unit – Fuel Utilization Equipment

2008
Year of record

64
DEP EU# (old Point #)

1190564
Facility AQ identifier

B. Fuels and Emissions

1. Fuel Name / Characteristics:

Number of fuels for this unit (previous records): 1

FURNACES #1(2)-LENNOX SR 20Q5 #2 OIL-
Fuel name

1
DEP Fuel #

How does eDEP handle multiple fuels?

☐ **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).

When to NOT check this box ?

☐ **Delete this fuel:** check box if you stopped using this fuel in this unit p*ermanently*. 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) (see instructions):

10500105
SC Code (call DEP if SC code will not validate)

INDUS.SPACE HEAT-DISTILLATE OIL
SCC Code Description – filled by eDEP

b. Type of fuel – check one:

☑ no.2 ☐ no.4 ☐ no.6

☐ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".

FUEL NO 2
Describe "other" fuel

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

.138
Percent by weight

d. Ash content for oils and coal (0 -10):

0
Percent by weight

Note for e: Enter the **Maximum Fuel Rate** at which the unit can burn fuel (its absolute uncontrolled design capacity). Do not enter the normal operation rate nor any restricted (allowable) rate.

e. Maximum hourly fuel rate for all firing burners:

0.0022 — Amount
1000 GALLONS — Units per hour

Enter "0" if unit decommissioned prior to this Year of Record.

f. Do you have fuel or usage restrictions?

☑ yes ☐ no - skip to question 2

g. DEP approval number for restrictions:

EXEMPT
Most recent for this fuel

h. Annual use restriction (amount or hours):
For this fuel

19.2720 — Quantity
1000 GALLONS — Units

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

0.0022 — Quantity
1000 GALLONS — Units

Per: ☐ month ☐ week ☐ day ☑ hour

2. Annual usage:

Enter "0" if not used in the year of record

CAUTION: check your amount vs.units

7.9222 — a. Amount – year of record
1000 GALLONS — b. Units

12.788 1000 GALLONS
c. Total annual usage for prior year of record – eDEP only

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Emission Unit – Fuel Utilization Equipment

2008
Year of record
64
DEP EU# (old Point #)
1190564
Facility AQ identifier

B. Fuels and Emissions (cont.)

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

Read First

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:

Part 75 Requirements

Pollutant:	☐ PM10	☐ PM2.5	☐ SO2	☐ NO2
Actual for previous year eDEP only:	0.0130 Tons	0.0050 Tons	0.2720 Tons	0.1280 Tons
Actual for year of record:	**0.0079** Tons	**0.0033** Tons	**0.1687** Tons	**0.0792** Tons
Potential emissions at max capacity uncontrolled:	**0.02** Tons	**0.01** Tons	**0.41** Tons	**0.19** Tons
Emission factor:	**2**	**0.83**	**142**	**20**
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
For this fuel only				
Maximum allowed emissions – annual:	Tons	Tons	Tons	**1.1** Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	**.091** Pounds MONTH
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:				EXEMPT

other:

Pollutant:	☐ CO	☐ VOC	☐ NH3	specify
Actual for previous year eDEP only:	0.0320 Tons	0.0020 Tons	0.0050 Tons	Tons
Actual for year of record:	**0.0198** Tons	**0.0013** Tons	**0.0032** Tons	Tons
Potential emissions at max capacity uncontrolled:	**0.05** Tons	**0.0030** Tons	**0.01** Tons	Tons
Emission factor:	**5**	**0.34**	**0.80**	
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	
For this fuel only				
Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:				

B. Fuels and Emissions (cont.)

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

a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
0	**0**
☐ 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 in the space below 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. For eDEP on-line filers, this will create a new step on your Current Submittal Page where you can attach electronic files to your submittal. Please list attachments that **cannot** be sent electronically in the notes field above and deliver them to DEP with a paper copy of this form.

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Bureau of Waste Prevention – Air Quality

BWP AQ AP-1

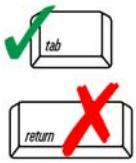
Emission Unit – Fuel Utilization Equipment

2008
Year of record

55
DEP EU# (old Point #)

1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

GENERATOR #1-CATERPILLAR 558.5 KW #2 OIL-0.3 PERS
a. Facility's choice of emission unit name – edit as needed

55
b. Facility's emission unit number / code – edit as needed

55
c. DEP emissions unit # – old point #

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

MBR-89-COM-31
a. Most recent approval number

5/4/1989
b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☐ yes ☑ no

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

Reason for exemption

How to **delete** a unit? (click ?-icon)

6. Emission unit installation date and decommission date:

5/4/1989
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable
Complete only if the unit was shutdown permanently or replaced since the last report.

7. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emission unit number and name for the unit being replaced below:

b. DEP's emission unit number and facility unit name

8. 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 8c

b. Reporting frequency - check all that apply:

☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual ☑ 4. Annual ☑ 5. 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

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Emission Unit – Fuel Utilization Equipment

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A. Equipment Description (cont.)

How to report on combined units ?

9. Equipment:

a. Type

☐ boiler ☐ furnace ☑ engine ☐ other:

Describe "other" equipment type

CATERPILLAR
b. Manufacturer

3412DIT
c. Model number

What to do if data unknown or not available ?

5.3480
d. Max input rating MMBtu/hr (enter "0" if not applicable)

1
e. Number of burners (enter "0" if not applicable)

f. Type of burner – check one:

☐ rotary ☑ mech. atomizer ☐ steam atomizer
☐ air atomizer ☐ traveling grate ☐ hand fired
☐ other:

"other" burner type

CATERPILLR
g. Burner manufacturer

N/A
h. Burner model number

6/1/1989
i. Burner installation date (mm/dd/yyyy)

10. Hours of operation for the emission unit: a. ☐ check if continuously operated – 24 x 7 x 52

1
b. Number of hours per day

1
c. Number of days per week

12
d. Number of weeks per year

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

25.0	25	25	25
Q1	Q2	Q3	Q4

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

11. Ozone season operation schedule – May 1 through September 30:

1
a. Ozone season hours per day

1
b. Ozone season days per week

5
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 exh. ☐ downward facing vent
☐ vertical stack/vent less than 10ft

Physical Stacks:

☑ vertical stack
☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

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

7 1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR

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

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

Massachusetts Department of Environmental Protection
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Emission Unit – Fuel Utilization Equipment

2008
Year of record
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DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

14. Is there a pollution control device on this emissions unit?

☐ yes – answer a through i ☑ no – skip to question 15

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to **delete** a control ?

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
a. Type		Type	Type
b. Manufacturer		Manufacturer	Manufacturer
c. Model number		Model number	Model number
d. Facility's ID for this device		Facility's ID for this device	Facility's ID for this device
e. Installation date (mm/dd/yyyy)		Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
f. DEP approval # (most recent)		DEP approval # (most recent)	DEP approval # (most recent)
g. DEP approval date (mm/dd/yyyy)		DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
h. Decommission date (mm/dd/yyyy)		Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

i. Percent overall efficiency - enter for all pollutants that the device was designed to control:

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
PM 10	% Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
CO	% Overall eff.	% Overall eff.	% Overall eff.
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.	% Overall eff.	% Overall eff.
HOC	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	% Overall eff.
Hg	% Overall eff.	% Overall eff.	% Overall eff.
Pb	% Overall eff.	% Overall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
	Specify "Other"	Specify "Other"	Specify "Other"

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Emission Unit – Fuel Utilization Equipment

2008
Year of record
55
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to **delete** a monitor?

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

☐ yes – answer a through l ☑ no – skip to section B

Do not leave blank – if unknown write 'unknown' or estimate (applies to a–e)

Leave **f, g, h** blank if not applicable.

	Monitor 1	**Monitor 2**	**Monitor 3**
a. Monitor type:	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"
b. Manufacturer:			
c. Model number:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants (check all that apply):	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"

Massachusetts Department of Environmental Protection
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Emission Unit – Fuel Utilization Equipment

2008
Year of record

55
DEP EU# (old Point #)

1190564
Facility AQ identifier

B. Fuels and Emissions

1. Fuel Name / Characteristics:

GENERATOR #1-CATERPILLAR 558.5 KW #
Fuel name

Number of fuels for this unit (previous records): 1

1
DEP Fuel #

How does eDEP handle multiple fuels?

☐ **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).

☐ **Delete this fuel:** check box if you stopped using this fuel in this unit p*ermanently*. 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.

When to NOT check this box ?

a. Source Classification Code (SCC) (see instructions):

20200102
SC Code (call DEP if SC code will not validate)

IC ENGINE- RECIP- DIESEL
SCC Code Description – filled by eDEP

b. Type of fuel – check one:

☐ no.2 ☐ no.4 ☐ no.6

☑ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".

Describe "other" fuel

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

0.0401
Percent by weight

d. Ash content for oils and coal (0 -10):

0.0
Percent by weight

Note for e: Enter the **Maximum Fuel Rate** at which the unit can burn fuel (its absolute uncontrolled design capacity). Do not enter the normal operation rate nor any restricted (allowable) rate.

e. Maximum hourly fuel rate for all firing burners:

0.0380 (Amount) | 1000 GALLONS (Units per hour)

Enter "0" if unit decommissioned prior to this Year of Record.

f. Do you have fuel or usage restrictions?

☑ yes ☐ no - skip to question 2

g. DEP approval number for restrictions:

MBR-89-COM-31
Most recent for this fuel

h. Annual use restriction (amount or hours):
For this fuel

300 (Quantity) | HOUR (Units)

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

24 (Quantity) | HOUR (Units)

Per: ☐ month ☐ week ☑ day ☐ hour

2. Annual usage:

Enter "0" if not used in the year of record

CAUTION: check your amount vs.units

0.6236 (a. Amount – year of record) | 1000 GALLONS (b. Units)

.456 1000 GALLONS
c. Total annual usage for prior year of record – eDEP only

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Emission Unit – Fuel Utilization Equipment

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Facility AQ identifier

B. Fuels and Emissions (cont.)

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

Read First

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:

Part 75 Requirements

Pollutant:	☐ PM10	☐ PM2.5	☐ SO2	☐ NO2
Actual for previous year eDEP only:	0.01 Tons	0.01 Tons	0.0030 Tons	0.14 Tons
Actual for year of record:	**0.0132** Tons	**0.0132** Tons	**0.0037** Tons	**0.1883** Tons
Potential emissions at max capacity uncontrolled:	**7.07** Tons	**7.07** Tons	**1.98** Tons	**100.56** Tons
Emission factor:	**0.31**	**42.50**	**0.29**	**4.41**
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
For this fuel only Maximum allowed emissions – annual:	Tons	Tons	Tons	**3.5** Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	MBR-89-COM-31	MBR-89-COM-31	MBR-89-COM-31	MBR-89-COM-31

Pollutant:	☐ CO	☐ VOC	☐ NH3	other: specify
Actual for previous year eDEP only:	0.03 Tons	0.01 Tons	0.01 Tons	Tons
Actual for year of record:	**0.0406** Tons	**0.0145** Tons	**0.0132** Tons	Tons
Potential emissions at max capacity uncontrolled:	**21.66** Tons	**7.75** Tons	**7.07** Tons	Tons
Emission factor:	**0.95**	**0.34**	**42.50**	
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	
For this fuel only Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	MBR-89-COM-31	MBR-89-COM-31	MBR-89-COM-31	

B. Fuels and Emissions (cont.)

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

a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
0.06	**0.75**
☑ 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 in the space below 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. For eDEP on-line filers, this will create a new step on your Current Submittal Page where you can attach electronic files to your submittal. Please list attachments that **cannot** be sent electronically in the notes field above and deliver them to DEP with a paper copy of this form.

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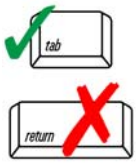
Emission Unit – Fuel Utilization Equipment

2008
Year of record
50
DEP EU# (old Point #)
1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

GENERATOR #2-CUMMINS #NT855G2 #2 DIESEL
a. Facility's choice of emission unit name – edit as needed

50
b. Facility's emission unit number / code – edit as needed

50
c. DEP emissions unit # – old point #

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

EXEMPT
a. Most recent approval number

5/4/1989
b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☑ yes ☐ no

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

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15
Reason for exemption

How to **delete** a unit? (click ?-icon)

6. Emission unit installation date and decommission date:

8/1/1999
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable
Complete only if the unit was shutdown permanently or replaced since the last report.

7. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emission unit number and name for the unit being replaced below:

b. DEP's emission unit number and facility unit name

8. 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 8c

b. Reporting frequency - check all that apply:

☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual ☐ 4. Annual ☑ 5. 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

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Emission Unit – Fuel Utilization Equipment

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Facility AQ identifier

A. Equipment Description (cont.)

How to report on combined units ?

9. Equipment:

a. Type

☐ boiler ☐ furnace ☑ engine ☐ other:

Describe "other" equipment type

CUMMINGS
b. Manufacturer

125-DGEA
c. Model number

What to do if data unknown or not available ?

1.6880
d. Max input rating MMBtu/hr (enter "0" if not applicable)

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

f. Type of burner – check one:

☐ rotary ☐ mech. atomizer ☐ steam atomizer
☐ air atomizer ☐ traveling grate ☐ hand fired
☐ other:

"other" burner type

g. Burner manufacturer

h. Burner model number

i. Burner installation date (mm/dd/yyyy)

10. Hours of operation for the emission unit: a. ☐ check if continuously operated – 24 x 7 x 52

1
b. Number of hours per day

1
c. Number of days per week

12
d. Number of weeks per year

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

25	25	25	25
Q1	Q2	Q3	Q4

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

11. Ozone season operation schedule – May 1 through September 30:

1
a. Ozone season hours per day

1
b. Ozone season days per week

5
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 exh. ☐ downward facing vent
☐ vertical stack/vent less than 10ft

Physical Stacks:

☑ vertical stack
☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

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

7 1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR

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

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

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

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Emission Unit – Fuel Utilization Equipment

2008
Year of record
50
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to **delete** a control ?

14. Is there a pollution control device on this emissions unit?

☐ yes – answer a through i ☑ no – skip to question 15

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
a. Type		Type	Type
b. Manufacturer		Manufacturer	Manufacturer
c. Model number		Model number	Model number
d. Facility's ID for this device		Facility's ID for this device	Facility's ID for this device
e. Installation date (mm/dd/yyyy)		Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
	EXEMPT	**EXEMPT**	**EXEMPT**
f. DEP approval # (most recent)		DEP approval # (most recent)	DEP approval # (most recent)
g. DEP approval date (mm/dd/yyyy)		DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
h. Decommission date (mm/dd/yyyy)		Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

i. Percent overall efficiency - enter for all pollutants that the device was designed to control:

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
PM 10	% Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
CO	% Overall eff.	% Overall eff.	% Overall eff.
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.	% Overall eff.	% Overall eff.
HOC	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	% Overall eff.
Hg	% Overall eff.	% Overall eff.	% Overall eff.
Pb	% Overall eff.	% Overall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
	Specify "Other"	Specify "Other"	Specify "Other"

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Emission Unit – Fuel Utilization Equipment

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Year of record
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DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to **delete** a monitor?

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

☐ yes – answer a through l ☑ no – skip to section B

Do not leave blank – if unknown write 'unknown' or estimate (a–e)

Leave **f, g, h** blank if not applicable.

	Monitor 1	**Monitor 2**	**Monitor 3**
a. Monitor type:	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: Describe "other"
b. Manufacturer:			
c. Model number:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants (check all that apply):	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"

Massachusetts Department of Environmental Protection
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Emission Unit – Fuel Utilization Equipment

2008
Year of record

50
DEP EU# (old Point #)

1190564
Facility AQ identifier

B. Fuels and Emissions

1. Fuel Name / Characteristics:

Number of fuels for this unit (previous records): 1

GENERATOR #2-CUMMINS #NT855G2- #2 OI
Fuel name

1
DEP Fuel #

How does eDEP handle multiple fuels?

☐ **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).

☐ **Delete this fuel:** check box if you stopped using this fuel in this unit p*ermanently*. 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.

When to NOT check this box ?

a. Source Classification Code (SCC) (see instructions):

20200102
SC Code (call DEP if SC code will not validate)

IC ENGINE- RECIP- DIESEL
SCC Code Description – filled by eDEP

b. Type of fuel – check one:

☐ no.2 ☐ no.4 ☐ no.6

☑ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".

Describe "other" fuel

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

.138
Percent by weight

d. Ash content for oils and coal (0 -10):

0
Percent by weight

Note for e: Enter the **Maximum Fuel Rate** at which the unit can burn fuel (its absolute uncontrolled design capacity). Do not enter the normal operation rate nor any restricted (allowable) rate.

e. Maximum hourly fuel rate for all firing burners:

0.0120 Amount
1000 GALLONS Units per hour

Enter "0" if unit decommissioned prior to this Year of Record.

f. Do you have fuel or usage restrictions?

☑ yes ☐ no - skip to question 2

g. DEP approval number for restrictions:

EXEMPT 7.02
Most recent for this fuel

h. Annual use restriction (amount or hours):
For this fuel

300 Quantity
HOUR Units

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

24 Quantity
DAY Units

Per: ☐ month ☐ week ☑ day ☐ hour

2. Annual usage:

Enter "0" if not used in the year of record

CAUTION: check your amount vs.units

0.1440 a. Amount – year of record
1000 GALLONS b. Units

.144 **1000 GALLONS**
c. Total annual usage for prior year of record – eDEP only

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

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record
50
DEP EU# (old Point #)
1190564
Facility AQ identifier

B. Fuels and Emissions (cont.)

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

Read First

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:

Part 75 Requirements

Pollutant:	☐ PM10	☐ PM2.5	☐ SO2	☐ NO2
Actual for previous year eDEP only:	0.0031 Tons	0.0031 Tons	0.0009 Tons	0.0435 Tons
Actual for year of record:	**0.0031** Tons	**0.0037** Tons	**0.0009** Tons	**0.0435** Tons
Potential emissions at max capacity uncontrolled:	**2.23** Tons	**2.23** Tons	**0.63** Tons	**31.76** Tons
Emission factor:	**0.31**	**42.50**	**0.29**	**4.41**
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
For this fuel only Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	EXEMPT	EXEMPT	EXEMPT	EXEMPT

Pollutant:	☐ CO	☐ VOC	☐ NH3	other: specify
Actual for previous year eDEP only:	0.0094 Tons	0.0034 Tons	0.0031 Tons	Tons
Actual for year of record:	**0.0094** Tons	**0.0034** Tons	**0.0037** Tons	Tons
Potential emissions at max capacity uncontrolled:	**6.84** Tons	**2.45** Tons	**2.23** Tons	Tons
Emission factor:	**0.95**	**0.34**	**42.50**	
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	
For this fuel only Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	EXEMPT	EXEMPT		

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record
50
DEP EU# (old Point #)
1190564
Facility AQ identifier

B. Fuels and Emissions (cont.)

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

a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
0.02	**0.24**
☑ 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 in the space below 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. For eDEP on-line filers, this will create a new step on your Current Submittal Page where you can attach electronic files to your submittal. Please list attachments that **cannot** be sent electronically in the notes field above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-1

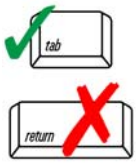
Emission Unit – Fuel Utilization Equipment

2008
Year of record

3
DEP EU# (old Point #)

1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

BOILER #1-CLEAVER BROOKS- #2 OIL 0.3 PERCENTSULFUR
a. Facility's choice of emission unit name – edit as needed

3
b. Facility's emission unit number / code – edit as needed

3
c. DEP emissions unit # – old point #

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

MBR-86-COM-027
a. Most recent approval number

9/11/1986
b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☐ yes ☑ no

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

Reason for exemption

How to **delete** a unit? (click ?-icon)

6. Emission unit installation date and decommission date:

9/1/1986
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable
Complete only if the unit was shutdown permanently or replaced since the last report.

7. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emission unit number and name for the unit being replaced below:

b. DEP's emission unit number and facility unit name

8. 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 8c

b. Reporting frequency - check all that apply:

☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual ☑ 4. Annual ☑ 5. 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

Massachusetts Department of Environmental Protection
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Emission Unit – Fuel Utilization Equipment

2008
Year of record
3
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to report on combined units ?

9. Equipment:

a. Type

☑ boiler ☐ furnace ☐ engine ☐ other:

Describe "other" equipment type

CLEAVER BROOKS
b. Manufacturer

CB800-150
c. Model number

What to do if data unknown or not available ?

2
d. Max input rating MMBtu/hr (enter "0" if not applicable)

1
e. Number of burners (enter "0" if not applicable)

f. Type of burner – check one:

☐ rotary ☑ mech. atomizer ☐ steam atomizer
☐ air atomizer ☐ traveling grate ☐ hand fired
☐ other:

"other" burner type

CL BROOKS
g. Burner manufacturer

CB800-150-150
h. Burner model number

9/1/1986
i. Burner installation date (mm/dd/yyyy)

10. Hours of operation for the emission unit: a. ☐ check if continuously operated – 24 x 7 x 52

16
b. Number of hours per day

1
c. Number of days per week

1
d. Number of weeks per year

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

0.0	0.0	0.0	100.0
Q1	Q2	Q3	Q4

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

11. Ozone season operation 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 exh. ☐ downward facing vent
☐ vertical stack/vent less than 10ft

Physical Stacks:

☑ vertical stack
☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

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

3 1 STACK BOILER #1-CLEAVER BROOKS- #2 OIL

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

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

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

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record

3
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

14. Is there a pollution control device on this emissions unit?

☐ yes – answer a through i ☑ no – skip to question 15

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to **delete** a control ?

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
a. Type		Type	Type
b. Manufacturer		Manufacturer	Manufacturer
c. Model number		Model number	Model number
d. Facility's ID for this device		Facility's ID for this device	Facility's ID for this device
e. Installation date (mm/dd/yyyy)		Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
f. DEP approval # (most recent)		DEP approval # (most recent)	DEP approval # (most recent)
g. DEP approval date (mm/dd/yyyy)		DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
h. Decommission date (mm/dd/yyyy)		Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

i. Percent overall efficiency - enter for all pollutants that the device was designed to control:

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
PM 10	% Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
CO	% Overall eff.	% Overall eff.	% Overall eff.
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.	% Overall eff.	% Overall eff.
HOC	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	% Overall eff.
Hg	% Overall eff.	% Overall eff.	% Overall eff.
Pb	% Overall eff.	% Overall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
	Specify "Other"	Specify "Other"	Specify "Other"

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

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record
3
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to **delete** a monitor?

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

☐ yes – answer a through l ☑ no – skip to section B

Do not leave blank – if unknown write 'unknown' or estimate (applies to a–e)

Leave **f, g, h** blank if not applicable.

	Monitor 1	**Monitor 2**	**Monitor 3**
a. Monitor type:	check only one: ☐ CEM ☐ Opacity ☐ other - describe: ____ Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: ____ Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: ____ Describe "other"
b. Manufacturer:			
c. Model number:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants (check all that apply):	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: ____ Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: ____ Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: ____ Describe "other"

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

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record

3
DEP EU# (old Point #)

1190564
Facility AQ identifier

B. Fuels and Emissions

1. Fuel Name / Characteristics:

Number of fuels for this unit (previous records): 1

BOILER #1-CLEAVER BROOKS #2 OIL-0.3 PE
Fuel name

1
DEP Fuel #

How does eDEP handle multiple fuels?

☐ **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).

☐ **Delete this fuel:** check box if you stopped using this fuel in this unit p*ermanently*. 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.

When to NOT check this box ?

a. Source Classification Code (SCC) (see instructions):

10200501
SC Code (call DEP if SC code will not validate)

DIST.OIL- GRADE NO.1 OR NO.2 OIL
SCC Code Description – filled by eDEP

b. Type of fuel – check one:

☑ no.2 ☐ no.4 ☐ no.6

☐ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".

Describe "other" fuel

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

.138
Percent by weight

d. Ash content for oils and coal (0 -10):

0
Percent by weight

Note for e: Enter the **Maximum Fuel Rate** at which the unit can burn fuel (its absolute uncontrolled design capacity). Do not enter the normal operation rate nor any restricted (allowable) rate.

e. Maximum hourly fuel rate for all firing burners:

0.0430 Amount
1000 GALLONS Units per hour

Enter "0" if unit decommissioned prior to this Year of Record.

f. Do you have fuel or usage restrictions?

☑ yes ☐ no - skip to question 2

g. DEP approval number for restrictions:

MBR-95-RES-047
Most recent for this fuel

h. Annual use restriction (amount or hours):
For this fuel

376680 Quantity
GALLONS Units

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

31390 Quantity
GALLONS Units

Per: ☑ month ☐ week ☐ day ☐ hour

2. Annual usage:

Enter "0" if not used in the year of record

CAUTION: check your amount vs.units

0.3200 a. Amount – year of record
1000 GALLONS b. Units

.18 **1000 GALLONS**
c. Total annual usage for prior year of record – eDEP only

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record
3
DEP EU# (old Point #)
1190564
Facility AQ identifier

B. Fuels and Emissions (cont.)

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

Read First

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:

Part 75 Requirements

Pollutant:	☐ PM10	☐ PM2.5	☐ SO2	☐ NO2
Actual for previous year eDEP only:	0.0002 Tons	0.0001 Tons	0.0038 Tons	0.0018 Tons
Actual for year of record:	**0.0003** Tons	**0.0001** Tons	**0.01** Tons	**0.0032** Tons
Potential emissions at max capacity uncontrolled:	**0.3767** Tons	**0.1563** Tons	**8.0233** Tons	**3.7668** Tons
Emission factor:	**2.000000**	**0.83**	**142**	**20**
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
For this fuel only Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	MBR-86-COM-027	MBR-86-COM-027	MBR-86-COM-027	MBR-86-COM-027

Pollutant:	☐ CO	☐ VOC	☐ NH3	other: specify
Actual for previous year eDEP only:	0.0005 Tons	0 Tons	0.0001 Tons	Tons
Actual for year of record:	**0.0008** Tons	**0.0001** Tons	**0.0001** Tons	Tons
Potential emissions at max capacity uncontrolled:	**0.9417** Tons	**0.0640** Tons	**0.1507** Tons	Tons
Emission factor:	**5**	**0.34**	**0.80**	
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	
For this fuel only Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	MBR-86-COM-027		MBR-86-COM-027	

B. Fuels and Emissions (cont.)

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

a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
0	**0**
☐ 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 in the space below 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. For eDEP on-line filers, this will create a new step on your Current Submittal Page where you can attach electronic files to your submittal. Please list attachments that **cannot** be sent electronically in the notes field above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-1

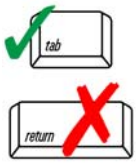
Emission Unit – Fuel Utilization Equipment

2008
Year of record

2
DEP EU# (old Point #)

1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

BOILER #2-HURST #30 1.004 MMBTU/HR #2 OIL-0.3 S
a. Facility's choice of emission unit name – edit as needed

2
b. Facility's emission unit number / code – edit as needed

2
c. DEP emissions unit # – old point #

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

a. Most recent approval number

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

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☑ yes ☐ no

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

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15
Reason for exemption

How to **delete** a unit? (click ?-icon)

6. Emission unit installation date and decommission date:

5/1/2003
a. Installation date – estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) – if applicable
Complete only if the unit was shutdown permanently or replaced since the last report.

7. Emission unit replacement:

a. Is this unit replacing another emission unit?

☑ no ☐ yes – enter DEP's emission unit number and name for the unit being replaced below:

b. DEP's emission unit number and facility unit name

8. 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 8c

b. Reporting frequency - check all that apply:

☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual ☑ 4. Annual ☑ 5. 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

Massachusetts Department of Environmental Protection
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Emission Unit – Fuel Utilization Equipment

2008
Year of record
2
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to report on combined units ?

9. Equipment:

a. Type

☑ boiler ☐ furnace ☐ engine ☐ other:

Describe "other" equipment type

HURST
b. Manufacturer

4VT-50BHP
c. Model number

What to do if data unknown or not available ?

1
d. Max input rating MMBtu/hr (enter "0" if not applicable)

1
e. Number of burners (enter "0" if not applicable)

f. Type of burner – check one:

☐ rotary ☑ mech. atomizer ☐ steam atomizer
☐ air atomizer ☐ traveling grate ☐ hand fired
☐ other:

"other" burner type

HURST
g. Burner manufacturer

30
h. Burner model number

5/1/2003
i. Burner installation date (mm/dd/yyyy)

10. Hours of operation for the emission unit: a. ☐ check if continuously operated – 24 x 7 x 52

24
b. Number of hours per day

7
c. Number of days per week

24
d. Number of weeks per year

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

52.6	13.2	0.1	34.1
Q1	Q2	Q3	Q4

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

11. Ozone season operation schedule – May 1 through September 30:

16
a. Ozone season hours per day

1
b. Ozone season days per week

1
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 exh. ☐ downward facing vent
☐ vertical stack/vent less than 10ft

Physical Stacks:

☑ vertical stack
☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 14.

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

2 STACK #2- BOILER #2- HURST #30- #2 OIL 0.3 PER. S

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

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

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

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record

2
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

14. Is there a pollution control device on this emissions unit?

☐ yes – answer a through i ☑ no – skip to question 15

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to **delete** a control ?

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
a. Type		Type	Type
b. Manufacturer		Manufacturer	Manufacturer
c. Model number		Model number	Model number
d. Facility's ID for this device		Facility's ID for this device	Facility's ID for this device
e. Installation date (mm/dd/yyyy)		Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
f. DEP approval # (most recent)		DEP approval # (most recent)	DEP approval # (most recent)
g. DEP approval date (mm/dd/yyyy)		DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
h. Decommission date (mm/dd/yyyy)		Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

i. Percent overall efficiency - enter for all pollutants that the device was designed to control:

	% Overall eff.	% Overall eff.	% Overall eff.
PM 10			
PM 2.5			
SO2			
CO			
VOC			
NO2			
NH3			
HOC			
HYC			
Hg			
Pb			
Other			
	Specify "Other"	Specify "Other"	Specify "Other"

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

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record
2
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

How to **delete** a monitor?

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

☐ yes – answer a through l ☑ no – skip to section B

Do not leave blank – if unknown write 'unknown' or estimate (applies to a–e)

Leave **f, g, h** blank if not applicable.

	Monitor 1	Monitor 2	Monitor 3
a. Monitor type:	check only one: ☐ CEM ☐ Opacity ☐ other - describe: ____ Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: ____ Describe "other"	check only one: ☐ CEM ☐ Opacity ☐ other - describe: ____ Describe "other"
b. Manufacturer:			
c. Model number:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants (check all that apply):	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: ____ Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: ____ Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: ____ Describe "other"

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

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record

2
DEP EU# (old Point #)

1190564
Facility AQ identifier

B. Fuels and Emissions

1. Fuel Name / Characteristics:

Number of fuels for this unit (previous records): 1

BOILER #2-HURST #30 - #2 OIL-0.3 SULFU
Fuel name

1
DEP Fuel #

How does eDEP handle multiple fuels?

☐ **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).

☐ **Delete this fuel:** check box if you stopped using this fuel in this unit p*ermanently*. 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.

When to NOT check this box ?

a. Source Classification Code (SCC) (see instructions):

10200501
SC Code (call DEP if SC code will not validate)

DIST.OIL- GRADE NO.1 OR NO.2 OIL
SCC Code Description – filled by eDEP

b. Type of fuel – check one:

☑ no.2 ☐ no.4 ☐ no.6

☐ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".

Describe "other" fuel

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

.138
Percent by weight

d. Ash content for oils and coal (0 -10):

0
Percent by weight

Note for e: Enter the **Maximum Fuel Rate** at which the unit can burn fuel (its absolute uncontrolled design capacity). Do not enter the normal operation rate nor any restricted (allowable) rate.

e. Maximum hourly fuel rate for all firing burners:

0.0110 Amount
1000 GALLONS Units per hour

Enter "0" if unit decommissioned prior to this Year of Record.

f. Do you have fuel or usage restrictions?

☑ yes ☐ no - skip to question 2

g. DEP approval number for restrictions:

EXEMPT
Most recent for this fuel

h. Annual use restriction (amount or hours):
For this fuel

91980 Quantity
GALLONS Units

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

9271 Quantity
GALLONS Units

Per: ☑ month ☐ week ☐ day ☐ hour

2. Annual usage:

Enter "0" if not used in the year of record

CAUTION: check your amount vs.units

19.5590 a. Amount – year of record
1000 GALLONS b. Units

37.74 **1000 GALLONS**
c. Total annual usage for prior year of record – eDEP only

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

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008 — Year of record
2 — DEP EU# (old Point #)
1190564 — Facility AQ identifier

B. Fuels and Emissions (cont.)

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

Read First

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:

Part 75 Requirements

Pollutant:	☐ PM10	☐ PM2.5	☐ SO2	☐ NO2
Actual for previous year eDEP only:	0.0400 Tons	0.02 Tons	0.80 Tons	0.38 Tons
Actual for year of record:	**0.02** Tons	**0.01** Tons	**0.42** Tons	**0.20** Tons
Potential emissions at max capacity uncontrolled:	**0.13** Tons	**0.05** Tons	**2.80** Tons	**1.31** Tons
Emission factor:	**2.000000**	**0.83**	**142**	**20**
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
For this fuel only — Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	EXEMPT	EXEMPT	EXEMPT	EXEMPT

Pollutant:	☐ CO	☐ VOC	☐ NH3	other: specify
Actual for previous year eDEP only:	0.09 Tons	0.0038 Tons	0.02 Tons	Tons
Actual for year of record:	**0.05** Tons	**0.0033** Tons	**0.01** Tons	Tons
Potential emissions at max capacity uncontrolled:	**0.23** Tons	**0.0096** Tons	**0.0385** Tons	Tons
Emission factor:	**5**	**0.340000**	**0.80**	
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	
For this fuel only — Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	EXEMPT		EXEMPT	

BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2008
Year of record
2
DEP EU# (old Point #)
1190564
Facility AQ identifier

B. Fuels and Emissions (cont.)

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

a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
0.5816	**35.2480**
☐ 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 in the space below 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. For eDEP on-line filers, this will create a new step on your Current Submittal Page where you can attach electronic files to your submittal. Please list attachments that **cannot** be sent electronically in the notes field above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record

61
DEP EU# (old Point #)

1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

A. Emission Unit – Process Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

REPACKAGING SOLVENTS NOT USED IN 2008 BEING CLOSED
a. Facility's choice of emission unit name – edit as needed

61
b. Facility's emission unit number / code – edit as needed

61
c. DEP emissions unit # (old SSEIS Point #)

d. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

MBR-88-IND-229
a. Most recent approval number

11/9/1988
b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☐ yes ☑ no

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

Reason for exemption

How to report on combined units ?

6. Equipment manufacturer and model number and type:

N/A
a. Manufacturer

N/A
b. Model number

DRUMS AND BULK TANKERS FOR PACKAGING SOLVENTS
c. Equipment Type

How to **delete** a unit ? (click ?-icon)

7. Emission unit installation and decommission dates:

1/1/1986
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.

A. Emission Unit – Process Description (cont.)

8. 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:

DEP's emission unit number and facility unit name

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

0	**0**	**0**
b. Number of hours per day	c. Number of days per week	d. Number of weeks per year

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

0	**0**	**0**	**0**
Q1	Q2	Q3	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	**0**	0
a. Ozone season hours per day	b. Ozone season days per week	c. Weeks operated in ozone season

12. Emission release point – select one:

Non-Stack Release Points:		Physical Stacks:
☐ fugitive	☐ horizontal vent	☑ vertical stack
☐ gooseneck	☐ downward facing vent	☐ vertical with rain cap/sleeve
☐ vertical stack/vent less than 10ft		

If Non-Stack release point, skip to question 14.

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

4 THREE DISTILLATION UNITS- NOT USED 2007

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** completing this form.

2008
Year of record

61
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Emission Unit – Process Description (cont.)

How to **delete** a monitor

14. Is there **monitoring equipment** on this emissions unit or its related control devices ?
☐ yes – answer a through l ☑ no – skip to Question 15

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f, g, h** blank if not applicable.

	Monitor 1	**Monitor 2**	**Monitor 3**
a. Monitor type:	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"
b. Manufacturer:			
c. Model #:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants - check all that apply:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"

BWP AQ AP-2

Emission Unit – Process Description

2008 — Year of record
61 — DEP EU# (old Point #)
1190564 — Facility AQ identifier

A. Emission Unit – Process Description (cont.)

15. Are there air pollution control devices on this emissions unit?

☐ yes – answer a through i ☑ no – skip to Section B

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to **delete** a control

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
	a. Type	Type	Type
	b. Manufacturer	Manufacturer	Manufacturer
	c. Model number	Model number	Model number
	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device
	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
	f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)
	g. DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
	h. Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

i. Percent overall efficiency – enter for all pdlutants that the device was designed to control:

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
PM 10	% Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
CO	% Overall eff.	% Overall eff.	% Overall eff.
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.	% Overall eff.	% Overall eff.
HOC	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	% Overall eff.
Hg	% Overall eff.	% Overall eff.	% Overall eff.
Pb	% Overall eff.	% Overall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
	Specify " Other"	Specify " Other"	Specify " Other"

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record
61
DEP EU# (old Point #)
1190564
Facility AQ identifier

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).

☐ **Delete this material/product:** check the box if you stopped using this material or making this product in this unit p*ermanently*. You must still report data 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:

SOLVENTS

a. Raw material or finished product name:
Number of segments for this unit (previous records): 1

How does eDEP handle multiple raw materials or finished products ?

b. Is material/product an input or output ?

☑ input ☐ output

1
DEP #

c. Process description:

REPACKAGING SOLVENTS -NONE PACKAGED IN 2006-

d. Source Classification Code (SCC):
(see instructions)

49099999
SC Code (call DEP if SC Code will not validate)
ORGANIC SOLVENT NOT CLASSIFIED
SCC Description – filled by eDEP upon validation

e. Maximum process rate for material/product:

0
Amount

TONS
Units per hour

Note: Definition of Maximum process rate

f. If organic material, give weight % of:

VOC

HOC

HYC

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

0.0000
Amount

TONS
Units

Enter " 0" if not used in the year of record

0
Prior year – eDEP only

TONS
Units prior year

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

☐ yes ☑ no – skip to question 1.l

i. DEP approval number for restrictions:

Most recent approval number for this material or product

j. Short term raw material/finished product restriction – if none, leave blank:

Quantity (amount or hours)

Units

Per: ☐ month ☐ week ☐ day ☐ hour

k. Annual material/product restriction – if none, leave blank:

Quantity (amount or hours)

Units

l. Indicate which air pollution control devices from Section A, Question 15 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 #

How to make a new air pollution control device appear in these drop menus?

☐ check here if ALL air pollution control devices on the unit apply to this material/product

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record
61
DEP EU# (old Point #)
1190564
Facility AQ identifier

B. Emissions for Raw Materials/Finished Products (cont.)

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

Important: Leaving blanks for Actual and Potential emissions means that you are certifying that there were less than 0.0001 (or zero) tons of emissions for each blank.

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
Emission factor: In pounds per unit::					
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:	**MBR-87-IND-**	**MBR-87-IND-**	**MBR-87-IND-**	**MBR-87-IND-**	**MBR-87-IND-**

Important: Reporting now required for t-Butyl Acetate

Pollutant	VOC	HOC	*Reserved*	NH3	**Other:** specify
Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
Emission factor:					
In pounds per unit:					
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis - DEP approval number or regulation:	**MBR-87-IND-**			**MBR-87-IND-**	

check to enter your own values

3. Ozone season emissions – May 1 through September 30:

0	**0**
a. Typical ozone day VOC emissions – pounds per day	b. Typical ozone day NOx emissions – pounds per day
☐ check to enter your own values	☐ 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 in the space below 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.

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record

5
DEP EU# (old Point #)

1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

A. Emission Unit – Process Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

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 emissions unit # (old SSEIS Point #)

d. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

MBR-87-IND-191
a. Most recent approval number

1/13/1988
b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☐ yes ☑ no

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

Reason for exemption

How to report on combined units ?

6. Equipment manufacturer and model number and type:

GREENBECK
a. Manufacturer

18 SWB
b. Model number

DRUM CRUSHER
c. Equipment Type

How to **delete** a unit ? (click ?-icon)

7. Emission unit installation and decommission dates:

6/1/1986
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.

A. Emission Unit – Process Description (cont.)

8. 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:

DEP's emission unit number and facility unit name

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

0	**0**	**0**
b. Number of hours per day	c. Number of days per week	d. Number of weeks per year

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

0.0	**0.0**	**0**	**0**
Q1	Q2	Q3	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	**0**	0
a. Ozone season hours per day	b. Ozone season days per week	c. Weeks operated in ozone season

12. Emission release point – select one:

Non-Stack Release Points:		Physical Stacks:
☐ fugitive	☐ horizontal vent	☑ vertical stack
☐ gooseneck	☐ downward facing vent	☐ vertical with rain cap/sleeve
☐ vertical stack/vent less than 10ft		

If Non-Stack release point, skip to question 14.

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

5 2 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** completing this form.

A. Emission Unit – Process Description (cont.)

How to **delete** a monitor

14. Is there **monitoring equipment** on this emissions unit or its related control devices ?
☐ yes – answer a through l ☑ no – skip to Question 15

Do not leave blank – if unknown write 'unknown' or estimate

Leave f, g, h blank if not applicable.

	Monitor 1	**Monitor 2**	**Monitor 3**
a. Monitor type:	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"
b. Manufacturer:			
c. Model #:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants - check all that apply:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"

BWP AQ AP-2

Emission Unit – Process Description

2008 — Year of record
5 — DEP EU# (old Point #)
1190564 — Facility AQ identifier

A. Emission Unit – Process Description (cont.)

15. Are there air pollution control devices on this emissions unit?

☐ yes – answer a through i ☑ no – skip to Section B

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to **delete** a control

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
a. Type		Type	Type
b. Manufacturer		Manufacturer	Manufacturer
c. Model number		Model number	Model number
d. Facility's ID for this device		Facility's ID for this device	Facility's ID for this device
e. Installation date (mm/dd/yyyy)		Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
f. DEP approval # (most recent)		DEP approval # (most recent)	DEP approval # (most recent)
g. DEP approval date (mm/dd/yyyy)		DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
h. Decommission date (mm/dd/yyyy)		Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

i. Percent overall efficiency – enter for all pdlutants that the device was designed to control:

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
PM 10	% Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
CO	% Overall eff.	% Overall eff.	% Overall eff.
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.	% Overall eff.	% Overall eff.
HOC	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	% Overall eff.
Hg	% Overall eff.	% Overall eff.	% Overall eff.
Pb	% Overall eff.	% Overall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
	Specify " Other"	Specify " Other"	Specify " Other"

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record
5
DEP EU# (old Point #)
1190564
Facility AQ identifier

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).

☐ **Delete this material/product:** check the box if you stopped using this material or making this product in this unit p*ermanently*. You must still report data 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:

RCRA EMPTY DRUMS

a. Raw material or finished product name:
Number of segments for this unit (previous records): 1

b. Is material/product an input or output ?

☑ input ☐ output 1 DEP #

How does eDEP handle multiple raw materials or finished products ?

c. Process description:

2 DRUM CRUSHING LINES DRUMS

d. Source Classification Code (SCC): (see instructions)

39999998
SC Code (call DEP if SC Code will not validate)
MISC INDUSTRIAL PROCESS
SCC Description – filled by eDEP upon validation

e. Maximum process rate for material/product:

120.0000 Amount | 1000 EACH Units per hour

Note: Definition of Maximum process rate

f. If organic material, give weight % of:

VOC | HOC | HYC

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

Enter " 0" if not used in the year of record

0.0000 Amount | 1000 EACH Units
0.0080 Prior year – eDEP only | 1000 EACH Units prior year

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

☐ yes ☑ no – skip to question 1.l

i. DEP approval number for restrictions:

Most recent approval number for this material or product

j. Short term raw material/finished product restriction – if none, leave blank:

Quantity (amount or hours) | Units

Per: ☐ month ☐ week ☐ day ☐ hour

k. Annual material/product restriction – if none, leave blank:

Quantity (amount or hours) | Units

l. Indicate which air pollution control devices from Section A, Question 15 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 #

How to make a new air pollution control device appear in these drop menus?

☐ check here if ALL air pollution control devices on the unit apply to this material/product

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record
5
DEP EU# (old Point #)
1190564
Facility AQ identifier

B. Emissions for Raw Materials/Finished Products (cont.)

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

Important: Leaving blanks for Actual and Potential emissions means that you are certifying that there were less than 0.0001 (or zero) tons of emissions for each blank.

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
Emission factor: In pounds per unit::					
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Important: Reporting now required for t-Butyl Acetate

Pollutant	VOC	HOC	*Reserved*	NH3	Other: specify
Actual for previous year eDEP only:	0.0004 Tons	Tons	Tons	Tons	Tons
Actual for year of record:	**0.0000** Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	**12.0000** Tons	Tons	Tons	Tons	Tons
Emission factor:	**0.11**				
In pounds per unit:	EACH				
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis - DEP approval number or regulation:	**MBR-87-IND-**				

check to enter your own values

3. Ozone season emissions – May 1 through September 30:

a. Typical ozone day VOC emissions – pounds per day	b. Typical ozone day NOx emissions – pounds per day
0	**0**
☐ check to enter your own values	☐ 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 in the space below 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.

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record

4
DEP EU# (old Point #)

1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

A. Emission Unit – Process Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

THREE DISTILLATION UNITS 710 GAL/HR NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

4
b. Facility's emission unit number / code – edit as needed

4
c. DEP emissions unit # (old SSEIS Point #)

3
d. Combined Units – enter number of individual units

3. DEP approvals – leave blank if not applicable:

MBR-88-IND-229
a. Most recent approval number

11/9/1988
b. DEP approval date (mm/dd/yyyy)

4. Is this unit exempt under 310 CMR 7.02 Plan Approvals ? ☐ yes ☑ no

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

Reason for exemption

How to report on combined units ?

6. Equipment manufacturer and model number and type:

LUWA/PFAUDLER/CLEAN HARBORS
a. Manufacturer

F-1
b. Model number

SOLVENT RECOVERY CLOSURE WITH DEP 2009
c. Equipment Type

How to **delete** a unit ? (click ?-icon)

7. Emission unit installation and decommission dates:

11/9/1988
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.

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record
4
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Emission Unit – Process Description (cont.)

8. 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:

DEP's emission unit number and facility unit name

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

0	**0**	**0**
b. Number of hours per day	c. Number of days per week	d. Number of weeks per year

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

0	**0**	**0**	**0**
Q1	Q2	Q3	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	**0**	0
a. Ozone season hours per day	b. Ozone season days per week	c. Weeks operated in ozone season

12. Emission release point – select one:

Non-Stack Release Points:	Physical Stacks:
☐ fugitive ☐ horizontal vent	☑ vertical stack
☐ gooseneck ☐ downward facing vent	☐ vertical with rain cap/sleeve
☐ vertical stack/vent less than 10ft	

If Non-Stack release point, skip to question 14.

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

4 THREE DISTILLATION UNITS- NOT USED 2007

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** completing this form.

A. Emission Unit – Process Description (cont.)

How to **delete** a monitor

14. Is there **monitoring equipment** on this emissions unit or its related control devices ?
☐ yes – answer a through l ☑ no – skip to Question 15

Do not leave blank – if unknown write 'unknown' or estimate

Leave f, g, h blank if not applicable.

	Monitor 1	**Monitor 2**	**Monitor 3**
a. Monitor type:	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe: Describe "other"
b. Manufacturer:			
c. Model #:			
d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
f. DEP approval #:			
g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants - check all that apply:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe: Describe "other"

BWP AQ AP-2

Emission Unit – Process Description

2008 — Year of record
4 — DEP EU# (old Point #)
1190564 — Facility AQ identifier

A. Emission Unit – Process Description (cont.)

15. Are there air pollution control devices on this emissions unit?

☑ yes – answer a through i ☐ no – skip to Section B

☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

How to **delete** a control

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
	TUBE AND SHELL CONDENSER		
a. Type	**UNKNOWN**	Type	Type
b. Manufacturer	**UNKNOWN**	Manufacturer	Manufacturer
c. Model number	**1**	Model number	Model number
d. Facility's ID for this device	**11/9/1988**	Facility's ID for this device	Facility's ID for this device
e. Installation date (mm/dd/yyyy)	**MBR-88-IND-229**	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
f. DEP approval # (most recent)	**11/9/1988**	DEP approval # (most recent)	DEP approval # (most recent)
g. DEP approval date (mm/dd/yyyy)		DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
h. Decommission date (mm/dd/yyyy)		Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

i. Percent overall efficiency – enter for all pdlutants that the device was designed to control:

	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
PM 10	**0** % Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	**0** % Overall eff.	% Overall eff.	% Overall eff.
SO2	**0** % Overall eff.	% Overall eff.	% Overall eff.
CO	**0** % Overall eff.	% Overall eff.	% Overall eff.
VOC	**99.9** % Overall eff.	% Overall eff.	% Overall eff.
NO2	**0** % Overall eff.	% Overall eff.	% Overall eff.
NH3	**0** % Overall eff.	% Overall eff.	% Overall eff.
HOC	**0** % Overall eff.	% Overall eff.	% Overall eff.
HYC	**0** % Overall eff.	% Overall eff.	% Overall eff.
Hg	**0** % Overall eff.	% Overall eff.	% Overall eff.
Pb	**0** % Overall eff.	% Overall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
	Specify "Other"	Specify "Other"	Specify "Other"

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record
4
DEP EU# (old Point #)
1190564
Facility AQ identifier

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).

☐ **Delete this material/product:** check the box if you stopped using this material or making this product in this unit p*ermanently*. You must still report data 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:

CHLORINATED SOLVENTS

a. Raw material or finished product name:
Number of segments for this unit (previous records): 1

b. Is material/product an input or output ?

☑ input ☐ output 1 DEP #

How does eDEP handle multiple raw materials or finished products ?

c. Process description:

STILLS #4, 5, 6- CHLORINATED SOLVENTS DOWN 2007

d. Source Classification Code (SCC): (see instructions)

30184001
SC Code (call DEP if SC Code will not validate)
GENERAL PROCESSES-DISTILLATION
SCC Description – filled by eDEP upon validation

e. Maximum process rate for material/product:

710 Amount
GALLONS Units per hour

Note: Definition of Maximum process rate

f. If organic material, give weight % of:

VOC
HOC
HYC

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

Enter " 0" if not used in the year of record

Amount
0
Prior year – eDEP only

Units
TONS
Units prior year

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

☑ yes ☐ no – skip to question 1.l

i. DEP approval number for restrictions:

MBR-88-IND-229
Most recent approval number for this material or product

j. Short term raw material/finished product restriction – if none, leave blank:

710 Quantity (amount or hours)
GALLONS Units

Per: ☐ month ☐ week ☐ day ☑ hour

k. Annual material/product restriction – if none, leave blank:

6132000 Quantity (amount or hours)
GALLONS Units

l. Indicate which air pollution control devices from Section A, Question 15 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 #

How to make a new air pollution control device appear in these drop menus?

☐ check here if ALL air pollution control devices on the unit apply to this material/product

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

BWP AQ AP-2

Emission Unit – Process Description

2008
Year of record
4
DEP EU# (old Point #)
1190564
Facility AQ identifier

B. Emissions for Raw Materials/Finished Products (cont.)

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

Important: Leaving blanks for Actual and Potential emissions means that you are certifying that there were less than 0.0001 (or zero) tons of emissions for each blank.

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
Emission factor: In pounds per unit::					
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:	**MBR-88-IND-**	**MBR-88-IND-**	**MBR-88-IND-**	**MBR-88-IND-**	**MBR-88-IND-**

Important: Reporting now required for t-Butyl Acetate

Pollutant	VOC	HOC	*Reserved*	NH3	Other: specify
Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
Emission factor:					
In pounds per unit:					
For this material or product only (leave blank if none) Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis - DEP approval number or regulation:	**MBR-88-IND-**	**MBR-88-IND-**	**MBR-88-IND**	**MBR-88-IND-**	**MBR-88-IND-**

check to enter your own values

3. Ozone season emissions – May 1 through September 30:

a. Typical ozone day VOC emissions – pounds per day	b. Typical ozone day NOx emissions – pounds per day
0	**0**
☐ check to enter your own values	☐ 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 in the space below 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.

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

BWP AQ AP-3

Emission Unit – Incinerator: Solid Waste, Sludge, Medical Waste, other

2008
Year of record

1
DEP EU# (old Point#)

1190564
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Emission Unit – Incinerator Information

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

STACK 1 POINT 1 SEGMENT
a. Facility's choice of emission unit name – edit as needed

1
b. Facility's emission unit number / code – edit as needed

1
c. DEP emissions unit # – SSEIS point #

3. DEP approvals – leave blank if not applicable:

MBR-89-INC-003
a. Most recent approval number

5/17/1993
b. DEP approval date (mm/dd/yyyy)

How to **delete** a unit ?

4. Emission unit installation and decommission dates:

5/1/1989
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.

5. 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

6. Are there routine air quality reporting requirements for this emissions unit (other than Source Registration)?

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

☑ yes – specify reporting frequency below ☐ no – skip to question 6c

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

A. Emission Unit – Incinerator Information (cont.)

Note: This section is not for afterburners or other pollution control equipment.

7. Incinerator description:

a. Type: ☐ commercial ☐ industrial ☐ medical ☐ municipal ☐ sludge ☑ other: **INCINERATOR**
Specify "other" incinerator type

VENT-O -MATIC
b. Manufacturer:

CAE500
c. Model number

d. Maximum operating capacity: **350**
amount in units of:
☑ pounds OR ☐ tons of waste per hour

e. Pounds of steam per hour

f. MMBtu per hour

8. Waste type – select one:

☐ Type 0 Waste – dry rubbish, trash
☐ Type 1 Waste – rubbish
☐ Type 2 Waste – mix of rubbish & garbage
☐ Type 3 Waste – garbage
☑ Type 4 Waste – infectious/medical waste
☐ Type 5 Waste – industrial (liquid)
☐ Type 6 Waste – industrial (solid)
☐ other:

Specify Other Waste Type

9. Source Classification Code (SCC) (see instructions): **50200505**
SC Code (call DEP if SC code will not validate)
INCINERATION-SPCL-PATHOLOGICAL
SC Code Description – filled by eDEP upon validation

10. Amount of material incinerated in year of record: **0.0000**
Tons
0
Tons in previous year – eDEP only

11. Charging rate restriction (for batch units only):
a. Amount
b. ☐ pounds of waste per hour OR ☐ tons of waste per hour

12. Heat recovery? ☑ yes ☐ no

13. Number of hearths: **1**

14. Total hearth area (total square footage): **100**
Square Feet

15. Automatic feeder? ☑ yes ☐ no

A. Emission Unit – Incinerator Information (cont.)

16. Hours of operation for the emission unit: a. ☐ check if continuously operated – 24 x 7 x 52

b. Number of hours per day	c. Number of days per week	d. Number of weeks per year
0	0	0

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

Q1	Q2	Q3	Q4
0	0	0	0

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

17. Ozone season schedule – May 1 through September 30:

a. Ozone season hours per day	b. Ozone season days per week	c. Weeks operated in ozone season
0	0	0

18. Emission release point – select one:

Non-Stack Release Points:	Physical Stacks:
☐ fugitive ☐ horizontal vent ☐ gooseneck ☐ downward facing vent ☐ vertical stack/vent less than 10ft	☑ vertical stack ☐ vertical with rain cap/sleeve

If Non-Stack release point, skip to question 20.

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

1 STACK #1- INCINERATOR #1-VENT-O-MATIC- NA 2007

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.

20. Temperature – degrees in Fahrenheit

	Primary Chamber		Secondary Chamber	
	Lower	Upper	Lower	Upper
a. Operating range:	50	100		
b. Permitted range:	50	100		

21. Retention time in seconds

	Lower	Upper
a. Operating retention time:		
b. Permitted retention time:		

A. Emission Unit – Incinerator Information (cont.)

22. **Primary** chamber auxiliary burners:

a. Type of burner – check one: ☐ rotary ☐ mech. atomizer ☐ steam atomizer ☐ air atomizer ☐ traveling grate ☐ hand fired ☑ other:

MECH ATOMIZER
Specify "other" burner type

CARLIN
b. Burner manufacturer

201-CRD
c. Burner model number

0.77
d. Maximum rating MMBtu / hr

e. Source Classification C code (SCC): (see instructions)

50290005
SC Code (call DEP if SC code will not validate)
AUX.FUEL/NO EMSNS-DISTILLATE OIL
SC Code Description – filled by eDEP upon validation

f. Type of fuel – check one: ☐ no.2 ☐ no.4 ☐ no.6 ☐ diesel ☐ natural gas ☑ other – describe:

AUX FUEL
Describe "other "fuel

g. Sulfur content for oils (0-2.2):

Percent by weight

h. Maximum hourly fuel rate for all firing burners:

0.1750
Amount

1000 GALLONS
Units per hour

i. Total actual fuel used for year of record: (Enter "0" if not used in the year of record)

0.0000
Amount – year of record

1000 GALLONS
Units

0
Prior year – eDEP only

1000 GALLONS
Units

j. Do you have fuel or usage restrictions? ☑ yes ☐ no – skip to question 23

k. DEP approval number for fuel restrictions: MBR-89-INC-003
Most recent for this fuel

l. Annual usage restriction (for this fuel):

183.96
Quantity

1000 GALLONS
Units

m. Short term use restriction (for this fuel):

15.33
Quantity

1000 GALLONS
Units

Per: ☑ month ☐ week ☐ day ☐ hour

A. Emission Unit – Incinerator Information (cont.)

23. **Secondary** chamber auxiliary burners:

Is there a secondary chamber? ☐ Yes ☑ No – if no skip to Question 24

a. Type of burner – check one: ☐ rotary ☐ mech. atomizer ☐ steam atomizer ☐ air atomizer ☐ traveling grate ☐ hand fired ☐ other:

Specify "other" burner type

b. Burner manufacturer

c. Burner model number

d. Maximum rating MMBtu/hr

e. Source Classification C code (SCC): (see instructions)

SC Code (call DEP if SC code will not validate)

SC Code Description – filled by eDEP upon validation

f. Type of fuel – check one: ☐ no.2 ☐ no.4 ☐ no.6 ☐ diesel ☐ natural gas ☐ other – describe:

Describe "other" fuel

g. Sulfur content for oils (0-2.2):

Percent by weight

h. Maximum hourly fuel rate for all firing burners:

Amount | Units per hour

i. Total actual fuel used for year of record: (Enter "0" if not used in the year of record)

Amount – year of record | Units

Prior year – eDEP only | Units

j. Do you have fuel usage restrictions? ☐ yes ☑ no – skip to question 24

k. DEP approval number for fuel restrictions:

Most recent for this fuel

l. Annual usage restriction (for this fuel):

Quantity | Units

m. Short term fuel use restriction (for this fuel):

Quantity | Units

Per: ☐ month ☐ week ☐ day ☐ hour

BWP AQ AP-3

Emission Unit – Incinerator: Solid Waste, Sludge, Medical Waste, other

2008	Year of record
1	DEP EU# (old Point#)
1190564	Facility AQ identifier

A. Emission Unit – Incinerator Information (cont.)

24. Is there an air pollution control device/s on this emissions unit? ☐ **Check here** if you need to report more than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.

☑ yes – answer a through i ☐ no – skip to question 25

How to **delete** a control?

Do not leave blank – if unknown write 'unknown' or estimate

Leave **f**, **g**, **h** blank if not applicable.

	Air pollution control device	Air pollution control device	Air pollution control device
	FABRIC FILTER - HIGH TEMPERATURE, I.E. T>250F	SODIUM-ALKALI SCRUBBING	FLUID BED DRY SCRUBBER
a. Type	0	0	0
b. Manufacturer	0	0	0
c. Model number	1CAE500	2 CAE500	3 CAE500
d. Facility's ID for this device	4/1/1989	4/1/1989	4/1/1989
e. Installation date (mm/dd/yyyy)			
f. DEP approval # (most recent)			
g. DEP approval date (mm/dd/yyyy)			
h. Decommission date (mm/dd/yyyy)			

i. Percent overall efficiency – enter for all pollutants that the device was designed to control:

PM 10	99 % Overall eff.	99 % Overall eff.	99 % Overall eff.
PM 2.5	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
SO2	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
CO	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
VOC	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
NO2	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
NH3	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
HOC	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
HYC	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
Hg	% Overall eff.	0 % Overall eff.	0 % Overall eff.
Pb	0 % Overall eff.	0 % Overall eff.	0 % Overall eff.
Other	99 % Overall eff.	99 % Overall eff.	99 % Overall eff.
	TOTAL SUSPENDED PARTICULATES	TOTAL SUSPENDED PARTICULATES	TOTAL SUSPENDED PARTICULATES
	Specify "Other"	Specify "Other"	Specify "Other"

BWP AQ AP-3

Emission Unit – Incinerator: Solid Waste, Sludge, Medical Waste, other

2008
Year of record

1
DEP EU# (old Point#)

1190564
Facility AQ identifier

A. Emission Unit – Incinerator Information (cont.)

How to **delete** a monitor?

25. Is there **monitoring equipment** on this emissions unit:
☑ yes – answer a through l ☐ no – skip to section B

Do not leave blank – if unknown write 'unknown' or estimate (a–e)

Leave f, g, h blank if not applicable.

	Monitor 1	Monitor 2	Monitor 3
a. Monitor type:	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☑ other – describe:	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe:	check only one: ☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe:
Describe "other"	DYNATROL		
b. Manufacturer:	DYNATROL		
c. Model number:	NO. 110M		
d. Monitor ID #: (Facility's Designation)	1		
e. Installation date: (mm/dd/yyyy)	5/17/1990		
f. DEP approval #:	MBR-91-INC-003B		
g. DEP approval date: (mm/dd/yyyy)	5/17/1993		
h. Decommission date: (mm/dd/yyyy)			
i. Recorder?	☐ yes ☑ no	☐ yes ☐ no	☐ yes ☐ no
j. Audible alarm?	☑ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
k. Data system?	☐ yes ☑ no	☐ yes ☐ no	☐ yes ☐ no
l. Monitored pollutants – check all that apply:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe:
Describe "other"			

BWP AQ AP-3

Emission Unit – Incinerator: Solid Waste, Sludge, Medical Waste, other

2008 — Year of record
1 — DEP EU# (old Point#)
1190564 — Facility AQ identifier

B. Emissions

1. Total emissions for this emissions unit – tons per year:

Important: Leaving blanks for Actual and Potential emissions means that you are certifying that there were less than 0.0001 (or zero) tons of emissions for each blank.

Pollutant	PM10	PM2.5	SO2	NO2	CO
Actual for previous year eDEP only:	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
Actual for year of record:	0.0000 Tons	0.0000 Tons	0.0000 Tons	0.0000 Tons	0.0000 Tons
Potential emissions at maximum capacity uncontrolled:	.048 Tons		3 Tons	5 Tons	6 Tons
Emission factor:					
Emission factor units in pounds per:					
For the entire unit only (leave blank if none) Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):					
Basis: DEP approval number or regulation:	MBR-91-INC-003B	MBR-91-INC-003B	MBR-91-INC-003B	MBR-91-INC-003B	MBR-91-INC-003B

Pollutant	VOC	HOC	*Reserved*	NH3	Other: Specify
Actual for previous year eDEP only:	0 Tons	Tons	Tons	Tons	Tons
Actual for year of record:	Tons	Tons	Tons	Tons	Tons
Potential emissions at maximum capacity uncontrolled:	19 Tons	Tons	Tons	Tons	Tons
Emission factor:					
Emission factor units in pounds per:					
For the entire unit only (leave blank if none) Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):					
Basis – DEP approval number or regulation:	MBR-91-INC-003B				

NOTE for Ozone Season Emissions

2. Ozone season emissions – May 1 through September 30:

0 a. Typical day VOC emissions – pounds per day

☐ check to enter your own values

0 b. Typical day NOx emissions – pounds per day

☐ check to enter your own values

C. Notes and Attachments

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

INCINERATOR HAS NOT OPERATED IN MORE THAN 10 YEARS

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.

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

9
DEP EU# (old Point #)

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A4- 5,200 GAL WASTE STREAM A-22
a. Facility's choice of emission unit name – edit as needed

9
b. Facility's emission unit number / code – edit as needed

9
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1986
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

10.66
c. Height / Length – feet

10.5
d. Diameter – feet

5200
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
9	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

HALOGENATED FUEL
a. Name of material

	40722098
b. CAS number if single chemical	c. SC Code for standing / breathing loss
ORGANIC CHEM.SPECIFY IN COMMNETS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0.0000
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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

MIXED ORGANIC LEAN WATERS FOR INCINERATION
a. Name of material

	40722098
b. CAS number if single chemical	c. SC Code for standing / breathing loss
ORGANIC CHEM.SPECIFY IN COMMNETS	0.390
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
	132708.0000
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and Attachments

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

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

8
DEP EU# (old Point #)

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
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 NOT USED IN 2008
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

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1986
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

14.66
c. Height / Length – feet

11.5
d. Diameter – feet

9800
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

8
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

EMPTY
a. Name of material

b. CAS number if single chemical

40799998
c. SC Code for standing / breathing loss

MISC.CHEMICAL STORAGE
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

7
DEP EU# (old Point #)

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A2-9,800 GAL WASTE STREAM A-21
a. Facility's choice of emission unit name – edit as needed

7
b. Facility's emission unit number / code – edit as needed

7
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1986
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

14.66
c. Height / Length – feet

11.5
d. Diameter – feet

9800
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
7	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

MIXTURE OF FUELS FOR INCINERATION
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	1.040
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	76151.0000
f. Temperature – typical storage temp. in °Fahrenheit	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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
63
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK B9 POLYOLEFIN H TANKS WASTEWATER NO VOCS
a. Facility's choice of emission unit name – edit as needed

63
b. Facility's emission unit number / code – edit as needed

63
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1977
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

10.5
c. Height / Length – feet

11.75
d. Diameter – feet

6250
e. Capacity – gallons

6. Construction: ☐ steel weld ☑ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
63	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

WASTEWATER NO VOCS NOT APPLICABLE TO REPORT
a. Name of material

b. CAS number if single chemical

30187097
c. SC Code for standing / breathing loss

SPECIFY LIQUID:BREATHING LOSS
d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

52
f. Temperature – typical storage temp. in °Fahrenheit

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

2. Attachments: ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
62
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK B8- POLYOLEFIN H TANKS WASTEWATER NO VOCS
a. Facility's choice of emission unit name – edit as needed

62
b. Facility's emission unit number / code – edit as needed

62
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1977
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

9.6
c. Height / Length – feet

11.75
d. Diameter – feet

7000
e. Capacity – gallons

6. Construction: ☐ steel weld ☑ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

62
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

WASTEWATER NO VOCS NOT APPLICABLE TO REPORT
a. Name of material

b. CAS number if single chemical

30187097
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

SPECIFY LIQUID:BREATHING LOSS
d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

52
f. Temperature – typical storage temp. in °Fahrenheit

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

60
DEP EU# (old Point #)

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK B7- POLYOLEFIN H TANKS WASTEWATER NO VOCS
a. Facility's choice of emission unit name – edit as needed

60
b. Facility's emission unit number / code – edit as needed

60
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1977
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

11.5
c. Height / Length – feet

10
d. Diameter – feet

6250
e. Capacity – gallons

6. Construction: ☐ steel weld ☑ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
60	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

WASTEWATER NO VOCS NOT APPLICABLE TO REPORT
a. Name of material

b. CAS number if single chemical

30187097
c. SC Code for standing / breathing loss

SPECIFY LIQUID:BREATHING LOSS
d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

52
f. Temperature – typical storage temp. in °Fahrenheit

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
6
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A1-9,800 GAL NOT USED IN 2008
a. Facility's choice of emission unit name – edit as needed

6
b. Facility's emission unit number / code – edit as needed

6
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1986
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

14.66
c. Height / Length – feet

11.5
d. Diameter – feet

9800
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
6	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

FLAMMABLE LIQUIDS
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0.0000
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
59
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK B6- POLYOLEFIN H TANKS WASTEWATER NO VOCS
a. Facility's choice of emission unit name – edit as needed

59
b. Facility's emission unit number / code – edit as needed

59
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1977
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

11.5
c. Height / Length – feet

10
d. Diameter – feet

6250
e. Capacity – gallons

6. Construction: ☐ steel weld ☑ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
59	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

COROSSIVES NO VOCS NOT APPLIBABLE TO REPORT
a. Name of material

b. CAS number if single chemical

30187097
c. SC Code for standing / breathing loss

SPECIFY LIQUID:BREATHING LOSS
d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

52
f. Temperature – typical storage temp. in ºFahrenheit

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
58
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK B5- POLYHLEFIN H TANKS WASTEWATER NO VOCS
a. Facility's choice of emission unit name – edit as needed

58
b. Facility's emission unit number / code – edit as needed

58
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1977
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

10.5
c. Height / Length – feet

11.75
d. Diameter – feet

6250
e. Capacity – gallons

6. Construction: ☐ steel weld ☑ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

58
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

CORROSIVES NO VOCS NOT APPLICABLE TO REPORT
a. Name of material

b. CAS number if single chemical

30187097
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

SPECIFY LIQUID:BREATHING LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
57
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS
a. Facility's choice of emission unit name – edit as needed

57
b. Facility's emission unit number / code – edit as needed

57
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1977
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

9.5
c. Height / Length – feet

11.75
d. Diameter – feet

7000
e. Capacity – gallons

6. Construction: ☐ steel weld ☑ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

57
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

CORROSIVES NO VOCS NOT APPLICABLE TO REPORT
a. Name of material

b. CAS number if single chemical

30187097
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

SPECIFY LIQUID:BREATHING LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25° C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
56
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK B3- POLYOLEFIN TANKS WASTEWATER NO VOCS
a. Facility's choice of emission unit name – edit as needed

56
b. Facility's emission unit number / code – edit as needed

56
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1977
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

11.5
c. Height / Length – feet

10
d. Diameter – feet

6250
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
56	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

CORROSIVES NO VOCS NOT APPLICABLE TO REPORT
a. Name of material

	30187097
b. CAS number if single chemical	c. SC Code for standing / breathing loss
SPECIFY LIQUID:BREATHING LOSS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
54
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
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

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1987
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

11.5
c. Height / Length – feet

10
d. Diameter – feet

6250
e. Capacity – gallons

6. Construction: ☐ steel weld ☑ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
54	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

CORROSIVES NO VOCS NOT APPLICABLE TO REPORT
a. Name of material

b. CAS number if single chemical

30187097
c. SC Code for standing / breathing loss

SPECIFY LIQUID:BREATHING LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
53
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS
a. Facility's choice of emission unit name – edit as needed

53
b. Facility's emission unit number / code – edit as needed

53
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1987
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

11.5
c. Height / Length – feet

10
d. Diameter – feet

6250
e. Capacity – gallons

6. Construction: ☐ steel weld ☑ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
53	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

CORROSIVES NO VOCS NOT APPLIBABLE TO REPORT
a. Name of material

	30187097
b. CAS number if single chemical	c. SC Code for standing / breathing loss
SPECIFY LIQUID:BREATHING LOSS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and Attachments

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

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

52
DEP EU# (old Point #)

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A12- 6,300 GAL FUEL OIL # 2
a. Facility's choice of emission unit name – edit as needed

52
b. Facility's emission unit number / code – edit as needed

52
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1985
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

20
c. Height / Length – feet

6
d. Diameter – feet

4000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
52	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

FUEL NO. 2
a. Name of material

68476302
b. CAS number if single chemical

40301021
c. SC Code for standing / breathing loss

PETROLEUM STORAGEDIST FUEL NO.2
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

19167.0000
e. Vapor pressure in PSI at 25º C

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
51
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A13- 4,000 GAL #2 DIESEL -LOW SULF
a. Facility's choice of emission unit name – edit as needed

51
b. Facility's emission unit number / code – edit as needed

51
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1985
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

25
c. Height / Length – feet

7
d. Diameter – feet

4000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
51
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

DIESEL FUEL # 2
a. Name of material

68334305
b. CAS number if single chemical

40301021
c. SC Code for standing / breathing loss

PETROLEUM STORAGEDIST FUEL NO.2
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

132874.0000
e. Vapor pressure in PSI at 25º C

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
48
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P14- 2400 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

48
b. Facility's emission unit number / code – edit as needed

48
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

6
c. Height / Length – feet

8
d. Diameter – feet

2400
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
48
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40722098
b. CAS number if single chemical	c. SC Code for standing / breathing loss
ORGANIC CHEM.SPECIFY IN COMMNETS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in ºFahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
47
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P13- 2400 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

47
b. Facility's emission unit number / code – edit as needed

47
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

6
c. Height / Length – feet

8
d. Diameter – feet

2400
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
47	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
46
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P12- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

46
b. Facility's emission unit number / code – edit as needed

46
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
46	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in ºFahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
45
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P11- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

45
b. Facility's emission unit number / code – edit as needed

45
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
45
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40722098
b. CAS number if single chemical	c. SC Code for standing / breathing loss
ORGANIC CHEM.SPECIFY IN COMMNETS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
44
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P10- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

44
b. Facility's emission unit number / code – edit as needed

44
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1990
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

44
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

b. CAS number if single chemical

40722098
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

ORGANIC CHEM.SPECIFY IN COMMNETS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
43
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P9- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

43
b. Facility's emission unit number / code – edit as needed

43
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
43	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

75092
b. CAS number if single chemical

40722008
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

METHYLENE CHLORIDE-WITHDRAWAL
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25° C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
42
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P8- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

42
b. Facility's emission unit number / code – edit as needed

42
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

42
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

b. CAS number if single chemical

40706022
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

PERCHLOROETHYLENE-WORKING LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
41
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P7- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

41
b. Facility's emission unit number / code – edit as needed

41
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

41
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

79016
b. CAS number if single chemical

40722010
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

1,1,1-TRICHLOROETHYLENE-WITH LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
40
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P6- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

40
b. Facility's emission unit number / code – edit as needed

40
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

40
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

75092
b. CAS number if single chemical

40722007
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

METHYLENE CHLORIDE-STAND.LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
39
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P5- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

39
b. Facility's emission unit number / code – edit as needed

39
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
39
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

79016
b. CAS number if single chemical

40722010
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

1,1,1-TRICHLOROETHYLENE-WITH LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25° C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
38
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P4- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

38
b. Facility's emission unit number / code – edit as needed

38
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
38	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
37
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P3- 3,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

37
b. Facility's emission unit number / code – edit as needed

37
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
37	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

75092
b. CAS number if single chemical

40722008
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

METHYLENE CHLORIDE-WITHDRAWAL
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25° C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
36
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P2- 3,000 GAL -NOT USED 2008-
a. Facility's choice of emission unit name – edit as needed

36
b. Facility's emission unit number / code – edit as needed

36
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
36	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

79016
b. CAS number if single chemical

40722010
c. SC Code for standing / breathing loss

1,1,1-TRICHLOROETHYLENE-WITH LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
35
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK P1- 3,000 GAL - NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

35
b. Facility's emission unit number / code – edit as needed

35
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1989
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12
c. Height / Length – feet

8
d. Diameter – feet

3000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

35
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

79016
b. CAS number if single chemical

40722010
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

1,1,1-TRICHLOROETHYLENE-WITH LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
34
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK F8- 1,500 GAL -NOT USED 2008- SOLVENT
a. Facility's choice of emission unit name – edit as needed

34
b. Facility's emission unit number / code – edit as needed

34
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1987
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

9.5
c. Height / Length – feet

5.33
d. Diameter – feet

1500
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
34
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40722098
b. CAS number if single chemical	c. SC Code for standing / breathing loss
ORGANIC CHEM.SPECIFY IN COMMNETS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
32
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK F6- 2,000 GAL -NOT UESD 2008- SOLVENT
a. Facility's choice of emission unit name – edit as needed

32
b. Facility's emission unit number / code – edit as needed

32
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12.13
c. Height / Length – feet

5.33
d. Diameter – feet

2000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
32	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40722098
b. CAS number if single chemical	c. SC Code for standing / breathing loss
ORGANIC CHEM.SPECIFY IN COMMNETS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
31
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK F5- 2,000 GAL -NOT UESD 2008- SOLVENT
a. Facility's choice of emission unit name – edit as needed

31
b. Facility's emission unit number / code – edit as needed

31
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12.16
c. Height / Length – feet

5.33
d. Diameter – feet

2000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
31
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40722098
b. CAS number if single chemical	c. SC Code for standing / breathing loss
ORGANIC CHEM.SPECIFY IN COMMNETS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in ºFahrenheit	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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
30
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK F4- 2,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

30
b. Facility's emission unit number / code – edit as needed

30
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12.16
c. Height / Length – feet

5.33
d. Diameter – feet

2000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
30
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

75092
b. CAS number if single chemical

40706020
c. SC Code for standing / breathing loss

METHYLENE CHLORIDE-WORKING LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
29
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK F3-/SS 2,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

29
b. Facility's emission unit number / code – edit as needed

29
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12.13
c. Height / Length – feet

5.33
d. Diameter – feet

2000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
29	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40706022
b. CAS number if single chemical	c. SC Code for standing / breathing loss
PERCHLOROETHYLENE-WORKING LOSS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
28
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK F2- 2,000 GAL -NOT USED 2008
a. Facility's choice of emission unit name – edit as needed

28
b. Facility's emission unit number / code – edit as needed

28
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1984
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12.16
c. Height / Length – feet

5.33
d. Diameter – feet

2000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
28
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

79016
b. CAS number if single chemical

40722010
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

1,1,1-TRICHLOROETHYLENE-WITH LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25° C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25° C

f. Temperature – typical storage temp. in °Fahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record
27
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK F1- 2,000 GAL -NOT USED 2008-
a. Facility's choice of emission unit name – edit as needed

27
b. Facility's emission unit number / code – edit as needed

27
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

12.16
c. Height / Length – feet

5.33
d. Diameter – feet

2000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
27	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40706024
b. CAS number if single chemical	c. SC Code for standing / breathing loss
TRICHLOROETHYLENE-WORKING LOSS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
26
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A25- 1,000 GAL -NOT USED 2008- PCB
a. Facility's choice of emission unit name – edit as needed

26
b. Facility's emission unit number / code – edit as needed

26
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1987
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

10.5
c. Height / Length – feet

4
d. Diameter – feet

1000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
26	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

b. CAS number if single chemical

40708498
c. SC Code for standing / breathing loss

SPECIFY PHENOL:WORKING LOSS
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
25
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A24- 2,400 GAL - PCB
a. Facility's choice of emission unit name – edit as needed

25
b. Facility's emission unit number / code – edit as needed

25
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

10.5
c. Height / Length – feet

7
d. Diameter – feet

2400
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
25	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

OIL WITH POLYCHLORINATED BIPHENYLS
a. Name of material

	40708498
b. CAS number if single chemical	c. SC Code for standing / breathing loss
SPECIFY PHENOL:WORKING LOSS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	2983.0000
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and Attachments

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

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
24
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A23- 2,400 GAL - PCB
a. Facility's choice of emission unit name – edit as needed

24
b. Facility's emission unit number / code – edit as needed

24
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

10.5
c. Height / Length – feet

7
d. Diameter – feet

2400
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
24	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

OIL WITH POLYCHLORINATED BIPHENYLS
a. Name of material

	40708498
b. CAS number if single chemical	c. SC Code for standing / breathing loss
SPECIFY PHENOL:WORKING LOSS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	1000.0000
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
23
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A22- 2,400 GAL -PCB
a. Facility's choice of emission unit name – edit as needed

23
b. Facility's emission unit number / code – edit as needed

23
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

10.5
c. Height / Length – feet

7
d. Diameter – feet

2400
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
23	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

OIL WITH POLYCHLORINATED BIPHENYLS
a. Name of material

1336363	40708498
b. CAS number if single chemical	c. SC Code for standing / breathing loss
SPECIFY PHENOL:WORKING LOSS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	3402.0000
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
SPECIFY PHENOL:WORKING LOSS	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
18
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A17B- 750 GAL NOT USED IN 2008
a. Facility's choice of emission unit name – edit as needed

18
b. Facility's emission unit number / code – edit as needed

18
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1983
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

6.5
c. Height / Length – feet

4.83
d. Diameter – feet

700
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
18
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NONE
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
16
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A11- 5,000 GAL NOT USED IN 2008
a. Facility's choice of emission unit name – edit as needed

16
b. Facility's emission unit number / code – edit as needed

16
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1984
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

14
c. Height / Length – feet

8.16
d. Diameter – feet

5200
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

16
DEP EU# (old Point #)

1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

EMPTY
a. Name of material

b. CAS number if single chemical

40799998
c. SC Code for standing / breathing loss

Click "?" icon for **SC Code help**

MISC.CHEMICAL STORAGE
d. SC Code description – filled by eDEP

52
f. Temperature – typical storage temp. in °Fahrenheit

0
e. Vapor pressure in PSI at 25º C

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. SC Code for standing / breathing loss

d. SC Code description – filled by eDEP

e. Vapor pressure in PSI at 25º C

f. Temperature – typical storage temp. in ºFahrenheit

g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and 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

2008
Year of record

15
DEP EU# (old Point #)

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A10- 9,800 GAL NOT USED IN 2008
a. Facility's choice of emission unit name – edit as needed

15
b. Facility's emission unit number / code – edit as needed

15
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1987
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

14.66
c. Height / Length – feet

11.5
d. Diameter – feet

9800
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
15	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

EMPTY
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and 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

2008
Year of record
14
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A9- 5,000 GAL WASTE STREAM A21
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

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1985
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

13
c. Height / Length – feet

8.5
d. Diameter – feet

5000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
14	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

NON HALOGENATED FUEL
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	68273
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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

NON HALOGENATED FUEL
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	1.040
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
	171957.0000
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
13
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A8- 5,000 GAL TANK NOT USED IN 2008
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

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1987
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

13
c. Height / Length – feet

8.5
d. Diameter – feet

5000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
13	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

LEAN WATER FOR INCINERATION
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	120930
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

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Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
12
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A7- 9,000 GAL WASTE STREAM A-23
a. Facility's choice of emission unit name – edit as needed

12
b. Facility's emission unit number / code – edit as needed

12
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1987
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

14.66
c. Height / Length – feet

10.5
d. Diameter – feet

9000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
12
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

OIL, GASOLINE AND WASTER MIXTURE
a. Name of material

b. CAS number if single chemical

40722098
c. SC Code for standing / breathing loss

ORGANIC CHEM.SPECIFY IN COMMNETS
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

52
f. Temperature – typical storage temp. in °Fahrenheit

e. Vapor pressure in PSI at 25º C
42603
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):

OIL, GASOLINE AND WASTER MIXTURE
a. Name of material

b. CAS number if single chemical

40722098
c. SC Code for standing / breathing loss

ORGANIC CHEM.SPECIFY IN COMMNETS
d. SC Code description – filled by eDEP

3.250
e. Vapor pressure in PSI at 25º C

52
f. Temperature – typical storage temp. in ºFahrenheit

142251.0000
g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
11
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A6- 9,000 GAL WASTE STREAM A-23
a. Facility's choice of emission unit name – edit as needed

11
b. Facility's emission unit number / code – edit as needed

11
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1985
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

14.66
c. Height / Length – feet

10.5
d. Diameter – feet

9000
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record
11
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

GASOLINE, OIL AND WATER
a. Name of material

b. CAS number if single chemical

40799998
c. SC Code for standing / breathing loss

MISC.CHEMICAL STORAGE
d. SC Code description – filled by eDEP

Click "?" icon for **SC Code help**

52
f. Temperature – typical storage temp. in °Fahrenheit

3.2500
e. Vapor pressure in PSI at 25º C

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):

GASOLINE OIL AND WATER
a. Name of material

40799998
b. CAS number if single chemical

c. SC Code for standing / breathing loss

MISC.CHEMICAL STORAGE
d. SC Code description – filled by eDEP

3.250
e. Vapor pressure in PSI at 25º C

52
f. Temperature – typical storage temp. in ºFahrenheit

166706.0000
g. Annual throughput in gallons

h. RVP – gasoline only

i. Total oxygen percent – gasoline only

j. Oxygenate name – gasoline only

B. Notes and Attachments

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

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008
Year of record

10
DEP EU# (old Point #)

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.

A. Equipment Description

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. Facility AQ identifier – SSEIS ID number

2. Emission unit identifiers:

AG TANK A5- 5,200 GAL OUT OF SERVICE IN 2008
a. Facility's choice of emission unit name – edit as needed

10
b. Facility's emission unit number / code – edit as needed

10
c. DEP emissions unit # – SSEIS point #

d. Combined Units – enter number of individual units

How to **combine units** ?

3. Emission unit installation and decommission dates:

1/1/1986
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.

How to **delete** a unit ?

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 unit name

5. Unit descriptions:

a. Description: ☑ above ground ☐ below ground

b. Roof type: ☐ floating roof ☐ internal roof ☑ fixed ☐ other:

Specify other

10.5
c. Height / Length – feet

10.5
d. Diameter – feet

5200
e. Capacity – gallons

6. Construction: ☑ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

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

BWP AQ AP-4

Emission Unit – Organic Material Storage

2008	Year of record
10	DEP EU# (old Point #)
1190564	Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year):

EMPTY
a. Name of material

	40799998
b. CAS number if single chemical	c. SC Code for standing / breathing loss
MISC.CHEMICAL STORAGE	
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
52	0
f. Temperature – typical storage temp. in °Fahrenheit	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	

Click "?" icon for **SC Code help**

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. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25º C
f. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	

B. Notes and Attachments

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

2. **Attachments:** ☐ Check here to submit attachments to this form. For attachments that **cannot** be sent electronically, please list all such attachments in notes above and deliver them to DEP with a paper copy of this form.

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

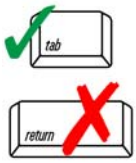
BWP AQ AP-STACK

Physical Vertical Stacks

2008
Year of record
9
DEP Stack #
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. AQ identifier – SSEIS ID number

2. Stack identifiers:

1 STACK-2 FURNACES LENNOX
a. Facility's choice of stack name – edit as needed

9
b. Facility's stack number – edit as needed

9
c. DEP stack # – old SSEIS stack #

3. Type: a. ☑ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:

What to do if data is unknown or unavailable ?

4. Dimensions:

28
Height in feet above the ground

0.6
Internal Diameter in feet

5. Gas exit velocity:

15
Low end - feet per second (0.1 – 500)

15
High end - feet per second (0.1 – 500)

6. Exit temperature:

200
Low end - ^{0}Fahrenheit (50 – 1800)

200
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

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.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

EU#64-2 LENNOX FURNACES SR 20Q5-140/154 0.246 MMBTU/HR

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.

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

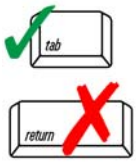
BWP AQ AP-STACK

Physical Vertical Stacks

2008
Year of record
7
DEP Stack #
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. AQ identifier – SSEIS ID number

2. Stack identifiers:

1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR
a. Facility's choice of stack name – edit as needed

7
b. Facility's stack number – edit as needed

7
c. DEP stack # – old SSEIS stack #

3. Type: a. ☑ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:

What to do if data is unknown or unavailable ?

4. Dimensions:

12
Height in feet above the ground

0.8
Internal Diameter in feet

5. Gas exit velocity:

32
Low end - feet per second (0.1 – 500)

32
High end - feet per second (0.1 – 500)

6. Exit temperature:

1150
Low end - ^{0}Fahrenheit (50 – 1800)

1150
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

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.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

EU#50-GENERATOR #2-CUMMINS #NT855G2 #2 DIESEL

EU#55-GENERATOR #1-CATERPILLAR 558.5 KW #2 OIL-0.3 PERS

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.

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

BWP AQ AP-STACK

Physical Vertical Stacks

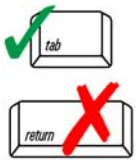
2008
Year of record

5
DEP Stack #

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. AQ identifier – SSEIS ID number

2. Stack identifiers:

2 DRUM CRUSHING LINES-
a. Facility's choice of stack name – edit as needed

5
b. Facility's stack number – edit as needed

5
c. DEP stack # – old SSEIS stack #

3. Type: a. ☑ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:

What to do if data is unknown or unavailable ?

4. Dimensions:

54
Height in feet above the ground

1.3
Internal Diameter in feet

5. Gas exit velocity:

54
Low end - feet per second (0.1 – 500)

54
High end - feet per second (0.1 – 500)

6. Exit temperature:

60
Low end - ^{0}Fahrenheit (50 – 1800)

60
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

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.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

EU#5-2 DRUM CRUSHING LINES

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.

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

BWP AQ AP-STACK

Physical Vertical Stacks

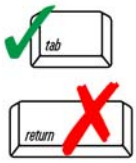
2008
Year of record

4
DEP Stack #

1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. AQ identifier – SSEIS ID number

2. Stack identifiers:

THREE DISTILLATION UNITS- NOT USED 2008
a. Facility's choice of stack name – edit as needed

4
b. Facility's stack number – edit as needed

4
c. DEP stack # – old SSEIS stack #

3. Type: a. ☑ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:

What to do if data is unknown or unavailable ?

4. Dimensions:

70
Height in feet above the ground

2
Internal Diameter in feet

5. Gas exit velocity:

15
Low end - feet per second (0.1 – 500)

15
High end - feet per second (0.1 – 500)

6. Exit temperature:

70
Low end - ^{0}Fahrenheit (50 – 1800)

70
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

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.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

EU#61-REPACKAGING SOLVENTS

EU#4-THREE DISTILLATION UNITS 710 GAL/HR NOT USED 2007

C. Notes and Attachments

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

PLANING TO PUT SOLVENT RECOVERY OPERATIONS THROUGH CLOSURE IN 2008. WORKING WITH MA DEP. SOLVENT RECOVERY UNIT IN THE PROCESS OF BEING PUT THROUGH CLOSURE. EXPECTED COMPLETION DATE JUNE 12, 2009. CLOSURE UNDER A MA DEP APPROVED PLAN.

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.

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

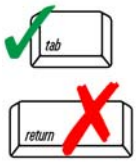
BWP AQ AP-STACK

Physical Vertical Stacks

2008
Year of record
3
DEP Stack #
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. AQ identifier – SSEIS ID number

2. Stack identifiers:

1 STACK BOILER #1-CLEAVER BROOKS- #2 OIL
a. Facility's choice of stack name – edit as needed

3
b. Facility's stack number – edit as needed

3
c. DEP stack # – old SSEIS stack #

3. Type: a. ☑ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:

What to do if data is unknown or unavailable ?

4. Dimensions:

35
Height in feet above the ground

1
Internal Diameter in feet

5. Gas exit velocity:

47
Low end - feet per second (0.1 – 500)

47
High end - feet per second (0.1 – 500)

6. Exit temperature:

450
Low end - ^{0}Fahrenheit (50 – 1800)

450
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

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.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

EU#3-BOILER #1-CLEAVER BROOKS- #2 OIL 0.3 PERCENTSULFUR

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.

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

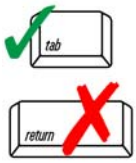
BWP AQ AP-STACK

Physical Vertical Stacks

2008
Year of record
2
DEP Stack #
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. AQ identifier – SSEIS ID number

2. Stack identifiers:

STACK #2- BOILER #2- HURST #30- #2 OIL 0.3 PER. S
a. Facility's choice of stack name – edit as needed

2
b. Facility's stack number – edit as needed

2
c. DEP stack # – old SSEIS stack #

3. Type: a. ☑ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:

What to do if data is unknown or unavailable ?

4. Dimensions:

35
Height in feet above the ground

1
Internal Diameter in feet

5. Gas exit velocity:

50
Low end - feet per second (0.1 – 500)

50
High end - feet per second (0.1 – 500)

6. Exit temperature:

212
Low end - ^{0}Fahrenheit (50 – 1800)

212
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

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.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

EU#2-BOILER #2-HURST #30 1.004 MMBTU/HR #2 OIL-0.3 S

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.

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

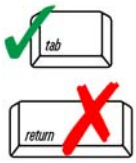
BWP AQ AP-STACK

Physical Vertical Stacks

2008
Year of record
10
DEP Stack #
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
a. Facility name

34839
b. DEP Account number

1190564
c. AQ identifier – SSEIS ID number

2. Stack identifiers:

CUT OFF ROOM 2008
a. Facility's choice of stack name – edit as needed

10
b. Facility's stack number – edit as needed

10
c. DEP stack # – old SSEIS stack #

3. Type: a. ☑ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:

What to do if data is unknown or unavailable ?

4. Dimensions:

18
Height in feet above the ground

1
Internal Diameter in feet

5. Gas exit velocity:

15
Low end - feet per second (0.1 – 500)

15
High end - feet per second (0.1 – 500)

6. Exit temperature:

70
Low end - ^{0}Fahrenheit (50 – 1800)

70
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

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.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

C. Notes and Attachments

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

PAINT SQUISHER WAS REMOVED FROM CUT OFF ROOM. THIS ROOM IS USED TO PUMP FLAMMABLE DRUMS.

2. **Attachments:**

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

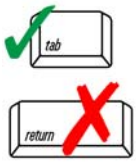
BWP AQ AP-STACK

Physical Vertical Stacks

2008
Year of record
1
DEP Stack #
1190564
Facility AQ identifier

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

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Stack Description

How to report combined units/stacks: see 3b below

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE
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- NA 2007
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:

What to do if data is unknown or unavailable ?

4. Dimensions:

185
Height in feet above the ground

1.2
Internal Diameter in feet

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 - ^{0}Fahrenheit (50 – 1800)

240
High end - ^{0} Fahrenheit (50 – 1800)

7. Stack liner material: ☑ metal ☐ brick refractory ☐ other:

Describe Other

How to **delete** a stack ?

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.

Important: To assign an emission unit to this stack, enter the Stack Id No. **on the form for the emission unit** (i.e., AP1, AP2, or AP3).

EU#1-STACK 1 POINT 1 SEGMENT

C. Notes and Attachments

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

INCINERATOR #1-VENT-O-MATIC- NOT OPERATED IN 2008

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.