



Massachusetts Department of Environmental Protection

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Username: **NASCAR157**

Transaction ID: **64228**

Document: **AQ Source Registration Package**

Size of File: **479.30K**

Status of Transaction: **Submitted**

Date and Time Created: **3/29/2023:4:38:31 PM**

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# Source Registration Overview

Create or Amend a Source Registration Forms Package

2005

Year of Record

1190564

Facility AQ identifier



Click “?” icons for  
important notes



IMPORTANT !



How do you  
replace units ?



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



How does the  
new numbering  
system differ  
from the old ?

Additional units  
(if any) listed on  
following pages

## A. Create a Source Registration Package

1. Select existing or new facility:

☒ **Existing** Facilities: To create a complete package for **2005** check box.

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

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

2. Validate this form:

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 **2005** check the boxes in the list below to select the forms/units you wish to work on. Check here to add new units: ☐

2. Validate this form:

Facility Name: **CLEAN HARBORS OF BRAINTREE**

Our records indicate that this facility has: **65** Emission Units (points) and **9** 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).

	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
<input type="checkbox"/>	BOILER #2-HURST #30 1.004 MMBTU/HR #2 OIL-0.3%S	2	2	AP-1	2004
<input type="checkbox"/>	BOILER #1-CLEAVER BROOKS-#4(NOT USED) #2 OIL 0.3%S	3	3	AP-1	2004
<input type="checkbox"/>	GENERATOR #2-CUMMINS #NT855G2 #2 DIESEL	50	50	AP-1	2004
<input type="checkbox"/>	GENERATOR #1-CATERPILLAR 558.5 KW #2 OIL-0.3%S	55	55	AP-1	2004
<input checked="" type="checkbox"/>	2 LENNOX FURNACES SR 20Q5-140/154 0.246 MMBTU/HR	64	64	AP-1	2004
<input type="checkbox"/>	THREE DISTILLATION UNITS- 780 GAL/HR NOT USED 04	4	4	AP-2	2004
<input type="checkbox"/>	2 DRUM CRUSHING LINES	5	5	AP-2	2004
<input type="checkbox"/>	REPACKAGING SOLVENTS	61	61	AP-2	2004
<input type="checkbox"/>	PAINT CAN POUR-OFF + CRUSHING	65	65	AP-2	2004
<input type="checkbox"/>	MERCURY POUR-OFF	66	66	AP-2	2004
<input type="checkbox"/>	INCINERATOR #1-VENT-O-MATIC CAE 500 #2 OIL-0.2%S	1	1	AP-3	2004
<input type="checkbox"/>	AG TANK A1-9,800 GAL WASTE STREAM A-21	6	6	AP-4	2004
<input type="checkbox"/>	AG TANK A2-9,800 GAL WASTE STREAM A-22	7	7	AP-4	2004



# Source Registration Overview

Create or Amend a Source Registration Forms Package

	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
<input type="checkbox"/>	AG TANK A3-9,800 GAL WASTE STREAM A-22	8	8	AP-4	2004
<input type="checkbox"/>	AG TANK A4- 5,200 GAL WASTE STREAM A-40	9	9	AP-4	2004
<input type="checkbox"/>	AG TANK A5- 5,200 GAL WASTE STREAM A-22	10	10	AP-4	2004
<input type="checkbox"/>	AG TANK A6- 9,000 GAL WASTE STREAM A-32	11	11	AP-4	2004
<input type="checkbox"/>	AG TANK A7- 9,000 GAL WASTE STREAM A-40	12	12	AP-4	2004
<input type="checkbox"/>	AG TANK A8- 5,000 GAL WASTE STREAM A-22	13	13	AP-4	2004
<input type="checkbox"/>	AG TANK A9- 5,000 GAL WASTE STREAM B-40	14	14	AP-4	2004
<input type="checkbox"/>	AG TANK A10- 9,800 GAL WASTE STREAM A-21	15	15	AP-4	2004
<input type="checkbox"/>	AG TANK A11- 5,000 GAL WASTE STREAM A-21	16	16	AP-4	2004
<input type="checkbox"/>	AG TANK A17A- 3,900 GAL STILL BOTTOMS-EMPTY 2004	17	17	AP-4	2004
<input type="checkbox"/>	AG TANK A17B- 500 GAL -EMPTY 2004-	18	18	AP-4	2004
<input type="checkbox"/>	AG TANK A18- 5,000 GAL -NOT USED 2004-	19	19	AP-4	2004
<input type="checkbox"/>	AG TANK A19- 5,000 GAL -NOT USED 2004-	20	20	AP-4	2004
<input type="checkbox"/>	AG TANK A20- 5,000 GAL -NOT USED 2004-	21	21	AP-4	2004
<input type="checkbox"/>	AG TANK A21- 5,000 GAL -NOT USED 2004-	22	22	AP-4	2004
<input type="checkbox"/>	AG TANK A22- 2,400 GAL -NOT USED 2004- PCB	23	23	AP-4	2004
<input type="checkbox"/>	AG TANK A23- 2,400 GAL -NOT USED 2004- PCB	24	24	AP-4	2004
<input type="checkbox"/>	AG TANK A24- 2,400 GAL -NOT USED 2004- PCB	25	25	AP-4	2004
<input type="checkbox"/>	AG TANK A25- 1,000 GAL -NOT USED 2004- PCB	26	26	AP-4	2004
<input type="checkbox"/>	AG TANK F1- 2,000 GAL -NOT UESD 2004-	27	27	AP-4	2004
<input type="checkbox"/>	AG TANK F2- 2,000 GAL -NOT USED 2004-	28	28	AP-4	2004
<input type="checkbox"/>	AG TANK SS- 2,000 GAL -NOT UESD 2004-	29	29	AP-4	2004
<input type="checkbox"/>	AG TANK F4- 2,000 GAL -NOT USED 2004- SOLVENT	30	30	AP-4	2004
<input type="checkbox"/>	AG TANK F5- 2,000 GAL -NOT UESD 2004- SOLVENT	31	31	AP-4	2004
<input type="checkbox"/>	AG TANK F6- 2,000 GAL -NOT UESD 2004- SOLVENT	32	32	AP-4	2004
<input type="checkbox"/>	AG TANK F7- 1,500 GAL -NOT USED 2004- SOLVENT	33	33	AP-4	2004
<input type="checkbox"/>	AG TANK F8- 1,500 GAL -NOT USED 2004- SOLVENT	34	34	AP-4	2004
<input type="checkbox"/>	AG TANK P1- 3,000 GAL TCE	35	35	AP-4	2004
<input type="checkbox"/>	AG TANK P2- 3,000 GAL -NOT USED 2004- TCETHANE	36	36	AP-4	2004
<input type="checkbox"/>	AG TANK P3- 3,000 GAL -NOT UESD 2004- MCL	37	37	AP-4	2004
<input type="checkbox"/>	AG TANK P4- 3,000 GAL -NOT USED 2004-	38	38	AP-4	2004
<input type="checkbox"/>	AG TANK P5- 3,000 GAL -NOT USED 2004- TCE	39	39	AP-4	2004



# Source Registration Overview

Create or Amend a Source Registration Forms Package

	Emission unit name	Facility's ID#	DEP#	AP form	Last update
<input type="checkbox"/>	AG TANK P6- 3,000 GAL -NOT USED 2004- MCL	40	40	AP-4	2004
<input type="checkbox"/>	AG TANK P7- 3,000 GAL -NOT USED 2004- TCE	41	41	AP-4	2004
<input type="checkbox"/>	AG TANK P8- 3,000 GAL -NOT USED 2004- PERC	42	42	AP-4	2004
<input type="checkbox"/>	AG TANK P9- 3,000 GAL -NOT USED 2004- MCL	43	43	AP-4	2004
<input type="checkbox"/>	AG TANK P10- 3,000 GAL -NOT USED 2004- PERC	44	44	AP-4	2004
<input type="checkbox"/>	AG TANK P11- 3,000 GAL -NOT USED 2004- PERC	45	45	AP-4	2004
<input type="checkbox"/>	AG TANK P12- 3,000 GAL -NOT USED 2004- PERC	46	46	AP-4	2004
<input type="checkbox"/>	AG TANK P13- 3,000 GAL -NOT USED 2004- WATER	47	47	AP-4	2004
<input type="checkbox"/>	AG TANK P14- 3,000 GAL -NOT USED 2004- FREON	48	48	AP-4	2004
<input type="checkbox"/>	AG TANK A13- 4,000 GAL #2 OIL-0.3%S	51	51	AP-4	2004
<input type="checkbox"/>	AG TANK A14- 6,300 GAL #2 OIL-0.3%S	52	52	AP-4	2004
<input type="checkbox"/>	AG TANK B1- 6,350 GAL WASTEWATER	53	53	AP-4	2004
<input type="checkbox"/>	AG TANK B2- 6,250 GAL WASTEWATER	54	54	AP-4	2004
<input type="checkbox"/>	AG TANK B3- 6,250 GAL WASTEWATER	56	56	AP-4	2004
<input type="checkbox"/>	AG TANK B4- 7,000 GAL WASTEWATER	57	57	AP-4	2004
<input type="checkbox"/>	AG TANK B5- 6,250 GAL WASTEWATER	58	58	AP-4	2004
<input type="checkbox"/>	AG TANK B6- 6,250 GAL WASTEWATER	59	59	AP-4	2004
<input type="checkbox"/>	AG TANK B7- 6,250 GAL WASTEWATER	60	60	AP-4	2004
<input type="checkbox"/>	AG TANK B8- 7,000 GAL WASTEWATER	62	62	AP-4	2004
<input type="checkbox"/>	AG TANK B9- 7,000 GAL WASTEWATER	63	63	AP-4	2004
<input type="checkbox"/>	STACK #1- INCINERATOR #1-VENT-O-MATIC- DOWN 2004	1	1	AP-STAC	2004
<input type="checkbox"/>	STACK #2- BOILER #2- HURST #30- #2 OIL 0.3%S	2	2	AP-STAC	2004
<input type="checkbox"/>	1 STACK BOILER #1-CLEAVER BROOKS- #2 OIL	3	3	AP-STAC	2004
<input type="checkbox"/>	THREE DISTILLATION UNITS- NOT USED 2004	4	4	AP-STAC	2004
<input type="checkbox"/>	2 DRUM CRUSHING LINES-	5	5	AP-STAC	2004
<input type="checkbox"/>	1 STACK GENERATOR (2)- CUMMINS & CATERPILLAR	7	7	AP-STAC	2004
<input type="checkbox"/>	1 STACK-2 FURNACES LENNOX	9	9	AP-STAC	2004
<input type="checkbox"/>	CUT OFF ROOM - PAINT CAN POUR OFF+CRUSHING	10	10	AP-STAC	2004
<input type="checkbox"/>	CUT OFF ROOM MERCURY POUR-OFF	11	11	AP-STAC	2004
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					



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

# BWP AQ AP-SR

Source Registration

2005

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

**7818491800**

g. Facility Phone Number

h. Facility Fax Number

2. Mailing address: ☐ same address as facility address

**1501 WASHINGTON ST**

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**

**1190564**

a. DEP Account number / FMF Facility #

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

☒ b. Latitude/Longitude

c. UTMHorizontal - meters

d. UTM Vertical - meters

e. UTM Zone

Valid Ranges:



**42.233622**

f. Latitude 42.9° - 41.2°

**70.972960**

g. Longitude – West

73.5° - 69.8°

Enter positive values only.



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## A. Facility Information (cont.)



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

924110

a.

b.

c.

d.

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

CONSOLIDATE AND STABILIZE WASTE STREAMS - NO PROCESSING

9. Facility's normal hours of operation:

06:30 AM

a. Start time

06:00 PM

b. End Time

☐ c. Continuous - 24 x 7 x 52

d. Which days is the facility open?

☐ S

☒ M

☒ T

☒ W

☒ T

☒ F

☒ S

10. Number of employees: 25



Who is an  
Owner?

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

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

CLEAN HARBORS ENVIRONMENTAL SERVICES INC

a. Owner or Corporation Name

DIR OF CORP COMPLIANCE

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

1501 WASHINGTON ST

c. Mailing Address Line 2

BRAINTREE

d. City/Town

UNITED STATES

g. Country

7818491800

h. Owner Phone Number

i. Extension

j. Owner Fax Number

042507498

k. Owner E-mail Address

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

021840000

f. Zip Code





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## A. Facility Information (cont.)

12. Facility **contact** information:

☐ same address as facility address

☐ same address as facility mailing address

**RICHARD**

a. Facility Contact **First Name**

**1 HILL AVENUE**

b. Mailing Address Line 1

c. Mailing Address Line 2

**BRAINTREE**

d. City/Town

**UNITED STATES**

g. Country

**7818491800**

i. Phone Number

**3342**

j. Extension

**BROPHY**

Contact **Last Name**

**MA**

e. State

**021840000**

f. Zip Code

**brophy.richard@cleanharbors.com**

h. E-mail Address

**781 3561574**

k. Fax Number

13. Air emissions information contact:

☒ same as facility contact name and address

☐ same address as facility address

**RICHARD**

a. Air emissions contact **First Name**

**1 HILL AVENUE**

b. Mailing Address Line 1

c. Mailing Address Line 2

**BRAINTREE**

d. City/Town

**USA**

g. Country

**7818491800**

i. Phone Number

**3342**

j. Extension

**BROPHY**

Air emissions contact **Last Name**

**MA**

e. State

**021840000**

f. Zip Code

**brophy.richard@cleanharbors.com**

h. E-mail Address

**781 3561574**

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

**RICHARD**

a. Preparer **First Name**

**1 HILL AVENUE**

b. Mailing Address Line 1

c. Mailing Address Line 2

**BRAINTREE**

d. City/Town

**USA**

g. Country

**7818491800**

i. Phone Number

**3342**

j. Extension

**BROPHY**

Preparer **Last Name**

**MA**

e. State

**021840000**

f. Zip Code

**brophy.richard@cleanharbors.com**

h. E-mail Address

**781 3561574**

k. Fax Number



# Massachusetts Department of Environmental Protection

Bureau of Waste Prevention – Air Quality

## BWP AQ AP-SR

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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:

**RICHARD**

a. Print **First** Name

**BROPHY**

b. Print **Last** Name

**FACILITY COMPLIANCE MANAGER**

c. Title

**781 849 1800**

d. Phone Number

**brophy.richard@cleanharbors.com**

e. E-mail Address



What if you are not a Responsible Official ?

Signed under the pains and penalties of perjury:

**Richard Brophy**

Signature of Responsible Official

**03/23/2006**

Date

**eDEP enters these fields automatically on submission.**





# BWP AQ AP-TES

## Total Emissions Statement & Hazardous Air Pollutant List

2005

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.



### 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.

Facility-wide  
restrictions on



Facility-wide  
restrictions only



Pollutant:	PM10	PM2.5	SO2	NO2	CO
Actual for previous year	0	0	1	1	0
eDEP only:	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	0.0004	0	0.0215	0	0
	Tons	Tons	Tons	Tons	Tons
Potential emissions at max capacity uncontrolled:	0.0065	0	0.3774	0	0
	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – annual:	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					

Pollutant:	VOC	HOC	*Reserved*	NH3	<input type="checkbox"/> CO2
Actual for previous year	1			0	
eDEP only:	Tons	Tons	Tons	Tons	Tons
Actual for year of record:	0.0004	0	0	0	0
	Tons	Tons	Tons	Tons	Tons
Potential emissions at max capacity uncontrolled:	0.0061	0	0	0	0
	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – annual:	Tons	Tons	Tons	Tons	Tons
Facility-wide max allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Short term period:					
Basis: DEP approval number or regulation:					



# BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

2005

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1190564

Facility AQ identifier

## A. Annual Total Emissions Statement (cont.)



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

a.	DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
Description of fuel, raw material or product restricted				

b.	DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
Description of fuel, raw material or product restricted				

c.	DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time
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
<input type="checkbox"/>	<input type="checkbox"/> Nitrous oxide N2O	<input type="checkbox"/>	<input type="checkbox"/> Hydrofluorocarbons (HFC's)
<input type="checkbox"/>	<input type="checkbox"/> Sulfur Hexafluoride (SF6)	<input type="checkbox"/>	<input type="checkbox"/> 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 #		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acetaldehyde	75-07-0	<input type="checkbox"/>	<input type="checkbox"/>	Allyl chloride	107-05-1
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acetamide	60-35-5	<input type="checkbox"/>	<input type="checkbox"/>	4-Aminobiphenyl	92-67-1
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acetonitrile	75-05-8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Aniline	62-53-3
<input type="checkbox"/>	<input type="checkbox"/>	Acetophenone	98-86-2	<input type="checkbox"/>	<input type="checkbox"/>	o-Anisidine	90-04-0
<input type="checkbox"/>	<input type="checkbox"/>	2-Acetylaminofluorene	53-96-3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Asbestos	1332-21-4
<input type="checkbox"/>	<input type="checkbox"/>	Acrolein	107-02-8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Benzene	71-43-2
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acrylamide	79-06-1	<input type="checkbox"/>	<input type="checkbox"/>	Benzidine	92-87-5
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acrylic acid	79-10-7	<input type="checkbox"/>	<input type="checkbox"/>	Benzotrachloride	98-07-7
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acrylonitrile	107-13-1	<input type="checkbox"/>	<input type="checkbox"/>	Benzyl chloride	100-44-7



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

# BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

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

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



# BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

2005

Year of record

1190564

Facility AQ identifier

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

Use	Emitted	CAS #	Use	Emitted	CAS #
<input type="checkbox"/>	<input type="checkbox"/> 4-Nitrobiphenyl	92-93-3	<input type="checkbox"/>	<input checked="" type="checkbox"/> Vinylidene chloride (1,1-Dichloroethylene)	75-35-4
<input type="checkbox"/>	<input type="checkbox"/> 4-Nitrophenol	100-02-7	<input type="checkbox"/>	<input checked="" type="checkbox"/> Xylene (mixed isomers)	1330-20-7
<input type="checkbox"/>	<input type="checkbox"/> 2-Nitropropane	79-46-9	<input type="checkbox"/>	<input checked="" type="checkbox"/> m-Xylene	108-38-3
<input type="checkbox"/>	<input type="checkbox"/> N-Nitrosodimethylamine	62-75-9	<input type="checkbox"/>	<input checked="" type="checkbox"/> o-Xylene	95-47-6
<input type="checkbox"/>	<input type="checkbox"/> N-Nitrosomorpholine	59-89-2	<input type="checkbox"/>	<input checked="" type="checkbox"/> p-Xylene	106-42-3
<input type="checkbox"/>	<input type="checkbox"/> N-Nitroso-N-methylurea	684-93-5	<input type="checkbox"/>	<input checked="" type="checkbox"/> Antimony	7440-36-0
<input type="checkbox"/>	<input type="checkbox"/> Parathion	56-38-2			
<input type="checkbox"/>	<input type="checkbox"/> Pentachloronitrobenzene (Quintozone)	82-68-8		Arsenic compounds:	
<input type="checkbox"/>	<input type="checkbox"/> Pentachlorophenol	87-86-5	<input type="checkbox"/>	<input checked="" type="checkbox"/> Arsenic	7440-38-2
<input type="checkbox"/>	<input checked="" type="checkbox"/> Phenol	108-95-2	<input type="checkbox"/>	<input checked="" type="checkbox"/> Arsine	7784-42-1
<input type="checkbox"/>	<input checked="" type="checkbox"/> p-Phenylenediamine	106-50-3			
<input type="checkbox"/>	<input type="checkbox"/> Phosgene	75-44-5		Other Metals:	
<input type="checkbox"/>	<input type="checkbox"/> Phosphine	7803-51-2	<input type="checkbox"/>	<input checked="" type="checkbox"/> Beryllium	7440-41-7
<input type="checkbox"/>	<input type="checkbox"/> Phosphorous	7723-14-0	<input type="checkbox"/>	<input checked="" type="checkbox"/> Cadmium	7440-43-9
<input type="checkbox"/>	<input checked="" type="checkbox"/> Phthalic anhydride	85-44-9	<input type="checkbox"/>	<input type="checkbox"/> Chromium	7440-47-3
<input type="checkbox"/>	<input checked="" type="checkbox"/> PCBs	1336-36-3	<input type="checkbox"/>	<input checked="" type="checkbox"/> Cobalt	7440-48-4
<input type="checkbox"/>	<input type="checkbox"/> 1,3- Propane sultone	1120-71-4	<input type="checkbox"/>	<input checked="" type="checkbox"/> Lead	7439-92-1
<input type="checkbox"/>	<input type="checkbox"/> beta-Propiolactone	57-57-8	<input type="checkbox"/>	<input checked="" type="checkbox"/> Manganese	7439-96-5
<input type="checkbox"/>	<input type="checkbox"/> Propionaldehyde	123-38-6	<input type="checkbox"/>	<input checked="" type="checkbox"/> Mercury	7439-97-6
<input type="checkbox"/>	<input type="checkbox"/> Propoxur (Baygon)	114-26-1	<input type="checkbox"/>	<input checked="" type="checkbox"/> Nickel	7440-02-0
<input type="checkbox"/>	<input type="checkbox"/> Propylene dichloride (1,2 Dichloropropane)	78-87-5	<input type="checkbox"/>	<input type="checkbox"/> Selenium	7782-49-2
<input type="checkbox"/>	<input type="checkbox"/> Propylene oxide	75-56-9			
<input type="checkbox"/>	<input type="checkbox"/> 1,2-Propylenimine (2-Methyl aziridine)	75-55-8	<input type="checkbox"/>	<input type="checkbox"/> Coke oven emissions	
<input type="checkbox"/>	<input checked="" type="checkbox"/> Quinoline	91-22-5			
<input type="checkbox"/>	<input type="checkbox"/> Quinone	106-51-4	<input type="checkbox"/>	<input checked="" type="checkbox"/> Cyanide compounds (XCN where X=H or any other group where a formal dissociation may occur)	
<input type="checkbox"/>	<input checked="" type="checkbox"/> Styrene	100-42-5	<input type="checkbox"/>	<input type="checkbox"/> Hydrogen cyanide	74-90-8
<input type="checkbox"/>	<input type="checkbox"/> Styrene oxide	96-09-3			
<input type="checkbox"/>	<input type="checkbox"/> 2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	<input type="checkbox"/>	<input checked="" type="checkbox"/> Glycol ethers (include mono- and di- esters of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>n</sub> -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.	
<input type="checkbox"/>	<input type="checkbox"/> 1,1,2,2-Tetrachloroethane	79-34-5	<input type="checkbox"/>	<input type="checkbox"/> 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)	
<input type="checkbox"/>	<input checked="" type="checkbox"/> Tetrachloroethylene (Perchloroethylene)	127-18-4	<input type="checkbox"/>	<input checked="" type="checkbox"/> 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)	
<input type="checkbox"/>	<input type="checkbox"/> Titanium tetrachloride	7550-45-0	<input type="checkbox"/>	<input type="checkbox"/> Radionuclides (a type of atom which spontaneously undergoes radioactive decay)	
<input type="checkbox"/>	<input type="checkbox"/> Toluene	108-88-3			
<input type="checkbox"/>	<input type="checkbox"/> Toluene-2,4- diamine	95-80-7			
<input type="checkbox"/>	<input checked="" type="checkbox"/> 2,4-Toluene diisocyanate	584-84-9			
<input type="checkbox"/>	<input type="checkbox"/> o-Toluidene	95-53-4			
<input type="checkbox"/>	<input checked="" type="checkbox"/> 1,2,4-Trichlorobenzene	120-82-1			
<input type="checkbox"/>	<input checked="" type="checkbox"/> 1,1,2-Trichloroethane	79-00-5			
<input type="checkbox"/>	<input checked="" type="checkbox"/> Trichloroethylene	79-01-6			
<input type="checkbox"/>	<input type="checkbox"/> 2,4,5-Trichlorophenol	95-95-4			
<input type="checkbox"/>	<input checked="" type="checkbox"/> Triethylamine	121-44-8			
<input type="checkbox"/>	<input type="checkbox"/> Trifluralin	1582-09-8			
<input type="checkbox"/>	<input type="checkbox"/> 2,2,4-Trimethylpentane	540-84-1			
<input type="checkbox"/>	<input checked="" type="checkbox"/> Vinyl acetate	108-05-4			
<input type="checkbox"/>	<input type="checkbox"/> Vinyl bromide	593-60-2			
<input type="checkbox"/>	<input checked="" type="checkbox"/> Vinyl chloride	75-01-4			



Do you need an  
operating  
permit?



Are you subject  
to TURA ?

## D. Hazardous Air Pollutant Emissions

1. Does the facility have the potential to emit (PTE) 10 tons of any single listed Hazardous Air Pollutant (HAP)?  
☐ yes ☒ no
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-1

Emission Unit – Fuel Utilization Equipment

2005

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

1190564

b. DEP Account number

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

64

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

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):

310 CMR 7.02 U PLAN APPROVAL AND EMISSION LIMITATIONS

Reason for exemption

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

? 6. Emission unit installation date and decommission date:

6/1/1995

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

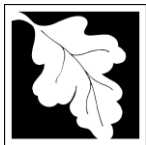
(include Operating Permit and Plan Approval reports, but not exceedance reporting)

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

☐ NESHP

☐ NSPS

☐ MACT



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

# BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

## A. Equipment Description (cont.)

2005

Year of record

64

DEP EU# (old Point #)

1190564

Facility AQ identifier



How to report  
on combined  
units ?

9. Equipment:

a. Type

☐ boiler ☒ furnace ☐ engine ☐ other:

LENNOX

b. Manufacturer

1

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

Describe "other" equipment type

SR20Q5-140

c. Model number

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:

BECKETT

g. Burner manufacturer

6/1/1995

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

"other" burner type

AFG

h. Burner model number

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

18

d. Number of weeks per year

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

69

Q1

11

Q2

0

Q3

20

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.



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

# BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

## A. Equipment Description (cont.)

2005

Year of record

64

DEP EU# (old Point #)

1190564

Facility AQ identifier



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

a. Type

b. Manufacturer

c. Model number

d. Facility's ID for this device

e. Installation date (mm/dd/yyyy)

f. DEP approval # (most recent)

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

h. Decommission date (mm/dd/yyyy)

### Air pollution control device 2

Type

Manufacturer

Model number

Facility's ID for this device

Installation date (mm/dd/yyyy)

DEP approval # (most recent)

DEP approval date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)

### Air pollution control device 3

Type

Manufacturer

Model number

Facility's ID for this device

Installation date (mm/dd/yyyy)

DEP approval # (most recent)

DEP approval date (mm/dd/yyyy)

Decommission date (mm/dd/yyyy)



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

PM 10

% Overall eff.

% Overall eff.

% Overall eff.

PM 2.5

% Overall eff.

% Overall eff.

% Overall eff.

SO<sub>2</sub>

% Overall eff.

% Overall eff.

% Overall eff.

CO

% Overall eff.

% Overall eff.

% Overall eff.

VOC

% Overall eff.

% Overall eff.

% Overall eff.

NO<sub>2</sub>

% Overall eff.

% Overall eff.

% Overall eff.

NH<sub>3</sub>

% 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

## A. Equipment Description (cont.)

2005

Year of record

64

DEP EU# (old Point #)

1190564

Facility AQ identifier



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

Leave  
f, g, h blank  
if not  
applicable.

a. Monitor type:

### Monitor 1

check only one:

- ☐ CEM  
☐ Opacity  
☐ other - describe:

Describe "other"

b. Manufacturer:

c. Model number:

d. Monitor ID #:

Facility's Designation

e. Installation date:

(mm/dd/yyyy)

f. DEP approval #:

g. DEP approval date:

(mm/dd/yyyy)

h. Decommission date:

(mm/dd/yyyy)

i. Recorder ?

☐ yes ☐ no

j. Audible alarm ?

☐ yes ☐ no



k. Data system ?

☐ yes ☐ no

l. Monitored pollutants  
(check all that apply):

- ☐ PM 10  
☐ PM 2.5  
☐ SO<sub>2</sub>  
☐ CO  
☐ VOC  
☐ NO<sub>2</sub>  
☐ NH<sub>3</sub>  
☐ Mercury  
☐ Oxygen  
☐ CO<sub>2</sub>  
☐ H<sub>2</sub>S  
☐ HCL  
☐ Opacity  
☐ other – describe:

Describe "other"

### Monitor 2

check only one:

- ☐ CEM  
☐ Opacity  
☐ other - describe:

Describe "other"

Facility's Designation

(mm/dd/yyyy)

(mm/dd/yyyy)

(mm/dd/yyyy)

☐ yes ☐ no

☐ yes ☐ no

☐ yes ☐ no

- ☐ PM 10  
☐ PM 2.5  
☐ SO<sub>2</sub>  
☐ CO  
☐ VOC  
☐ NO<sub>2</sub>  
☐ NH<sub>3</sub>  
☐ Mercury  
☐ Oxygen  
☐ CO<sub>2</sub>  
☐ H<sub>2</sub>S  
☐ HCL  
☐ Opacity  
☐ other – describe:

Describe "other"

### Monitor 3

check only one:

- ☐ CEM  
☐ Opacity  
☐ other - describe:

Describe "other"

Facility's Designation

(mm/dd/yyyy)

(mm/dd/yyyy)

(mm/dd/yyyy)

☐ yes ☐ no

☐ yes ☐ no

☐ yes ☐ no

- ☐ PM 10  
☐ PM 2.5  
☐ SO<sub>2</sub>  
☐ CO  
☐ VOC  
☐ NO<sub>2</sub>  
☐ NH<sub>3</sub>  
☐ Mercury  
☐ Oxygen  
☐ CO<sub>2</sub>  
☐ H<sub>2</sub>S  
☐ 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

### B. Fuels and Emissions

2005

Year of record

64

DEP EU# (old Point #)

1190564

Facility AQ identifier

#### 1. Fuel Name / Characteristics:

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



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 ?

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



b. Type of fuel – check one:

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

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

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

e. Maximum hourly fuel rate for all firing burners:

f. Do you have fuel or usage restrictions?



g. DEP approval number for restrictions:



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

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

#### 2. Annual usage:

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

#### FURNACES #1(2)-LENNOX SR 20Q5 #2 O

Fuel name

1

DEP Fuel #

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

10500105

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

INDUS.SPACE HEAT-DISTILLATE OIL

SCC Code Description – filled by eDEP

☒ no.2 ☐ no.4 ☐ no.6

☐ diesel ☐ coal ☐ natural gas

☐ jet fuel ☐ other - describe:

Describe "other" fuel

.3

Percent by weight

0

Percent by weight

.002

Amount

1000 GALLONS

Units per hour

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

☐ yes ☒ no - skip to question 2

Most recent for this fuel

Quantity

Units

Quantity

Units

Per: ☐ month ☐ week ☐ day ☐ hour

CAUTION: check your amount vs.units

1

1000 GALLONS

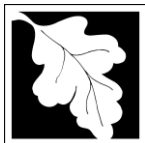
a. Amount – year of record

b. Units

1 1000 GALLONS

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

**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.



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# BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

## B. Fuels and Emissions (cont.)

2005

Year of record

64

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1190564

Facility AQ identifier

Read  
First

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

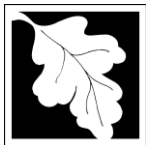
**Calculations:** The form will automatically calculate the **actual** and **potential** emissions UNLESS you check a box to manually enter emissions for each specific pollutant. Click the "?" icon for information to help you decide how to use this feature:

Pollutant:	<input type="checkbox"/> PM10	<input type="checkbox"/> PM2.5	<input type="checkbox"/> SO2	<input type="checkbox"/> NO2
Actual for previous year eDEP only:	0	0	0	0
	Tons	Tons	Tons	Tons
<b>Actual</b> for year of record:	0.0004		0.0215	
	Tons	Tons	Tons	Tons
<b>Potential</b> emissions at max capacity uncontrolled:	0.0065	0	0.3774	0
	Tons	Tons	Tons	Tons
Emission factor:	2.46	0	143.60	0
	Tons	Tons	Tons	Tons
Emission factor: in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
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:				

For this fuel only

Pollutant:	<input type="checkbox"/> CO	<input type="checkbox"/> VOC	<input type="checkbox"/> NH3	other: TOTAL SUSPENDED PARTICULATES specify
Actual for previous year eDEP only:	0	0	0	0
	Tons	Tons	Tons	Tons
<b>Actual</b> for year of record:		0.0004		0
	Tons	Tons	Tons	Tons
<b>Potential</b> emissions at max capacity uncontrolled:	0	0.0061	0	0
	Tons	Tons	Tons	Tons
Emission factor:	0	0.70		0
	Tons	Tons	Tons	Tons
Emission factor: in pounds per unit:	1000 GALLONS	1000 GALLONS		1000 GALLONS
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:				

For this fuel only



# Massachusetts Department of Environmental Protection

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## BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

### B. Fuels and Emissions (cont.)

2005

Year of record

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1190564

Facility AQ identifier



4. 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

**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.