

## **eDEP Transaction Copy**

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Username: DAVID\_P\_CABRAL

Transaction ID: 558125

Document: AQ Source Registration Package

Size of File: 2930.76K

Status of Transaction: Submitted

Date and Time Created: 3/29/2023:4:26:04 PM

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Bureau of Waste Prevention – Air Quality

## **Source Registration Overview**

Create or Amend a Source Registration Forms Package

2012	
Year of Record	

1190564

Facility AQ identifier



#### A. Create a Source Registration Package

١.	Select	existing	OI	new	racility	•

**Existing** Facilities: To create a complete package for **2012** 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 2012 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 INC

Our records indicate that this facility has: 24 Emission Units (points) and 7 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).



amend a prior year's Source Registration?

		?	?	?	?
	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
<b>/</b>	HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S	2	2	AP-1	2011
	CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)	3	3	AP-1	2011
<b>/</b>	CUMMINS GENERATOR #2 (NT855G2, DIESEL)	50	50	AP-1	2011
<b>~</b>	CATERPILLAR GENERATOR #1	55	55	AP-1	2011
<b>/</b>	2 LENNOX FURNACES SR 20Q5-140/154	64	64	AP-1	2011
<b>/</b>	2 DRUM CRUSHING LINES	5	5	AP-2	2011
<b>/</b>	STACK 1 POINT 1 SEGMENT	1	1	AP-3	2011
	AG TANK A1-9,800 GAL NOT USED IN 2009	6	6	AP-4	2011
	AG TANK A3-9,800 GAL	8	8	AP-4	2011
<b>/</b>	AG TANK A6- 9,000 GAL WASTE STREAM A-23	11	11	AP-4	2011
	AG TANK A7- 9,000 GAL WASTE STREAM A-23	12	12	AP-4	2011
<b>/</b>	AG TANK A8 - 5,000 GAL TANK	13	13	AP-4	2011
<b>/</b>	AG TANK A9- 5,000 GAL WASTE STREAM A21	14	14	AP-4	2011

Additional units (if any) listed on following pages



2012

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# Source Registration Overview Create or Amend a Source Registration Forms Package

Emission unit name (from prior submittals)	Fa	acility's ID#		DEP#	AP form	ι	Last update
AG TANK A17B - 750 GAL		18		18	AP-4		2011
AG TANK A22 (2,400 GAL), PCB		23		23	AP-4		2011
AG TANK A23 (2,400 GAL), PCB		24		24	AP-4		2011
AG TANK A24 (2,400 GAL), PCB		25		25	AP-4		2011
AG TANK A25 (1,000 GAL), PCB		26		26	AP-4		2011
AG TANK A13 (4,000 GAL), DIESEL LOW SULF		51		51	AP-4		2011
AG TANK A12 (6,300 GAL), NO. 2 FUEL OIL		52		52	AP-4		2011
AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS		53		53	AP-4		2011
AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS		54		54	AP-4		2011
AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS		57		57	AP-4		2011
AG TANK B7- POLYOLEFIN H TANKS WASTEWATER NO VOCS		60		60	AP-4		2011
STACK #1- INCINERATOR #1-VENT-O-MATIC		1		1	AP-STAC		2011
STACK #2- HURST BOILER, NO. 2 FUEL OIL		2		2	AP-STAC		2011
1 STACK - BOILER #1-CLEAVER BROOKS, NO 2 FUEL OIL		3		3	AP-STAC		2011
2 DRUM CRUSHING LINES		5		5	AP-STAC		2011
1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR		7		7	AP-STAC		2011
1 STACK-2 FURNACES - LENNOX		9		9	AP-STAC		2011
CUT OFF ROOM		10		10	AP-STAC		2011
			1			Г	



2012 Year of Record

1190564 Facility AQ identifier

# Source Registration Overview Create or Amend a Source Registration Forms Package

	Emission unit name	Facility's ID#	DEP#	AP form	Last update
П					
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				$\overline{}$	
		1	1	1	1



Bureau of Waste Prevention - Air Quality

### BWP AQ AP-SR

Source Registration

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.





Α.	Facility Information		
1	Facility - the site or works at which the regulated a	etivity occurs	👩
١.	CLEAN HARBORS OF BRAINTREE INC	olivity occurs	
	a. Facility Name		
	1 HILL AVE		
	b. Facility Street Address Line 1		
	c. Facility Street Address Line 2		
	BRAINTREE	MA	021840000
	d. City/Town 7813807100	e. State <b>78138071</b>	f. Zip Code
	g. Facility Phone Number	h. Facility Fa	
_	M '''		
2.	Mailing address: ✓ same address as facility address		
	1 HILL AVE		
	a. Facility Mailing Address / PO Box Line 1		
	1.5 W. M.W. All. (BOD. II)		
	b. Facility Mailing Address / PO Box Line 2  BRAINTREE	MA	021840000
	c. City/Town	d. State	e. Zip Code
	•		·
3.	Facility type – check one:		
		l State □ L	ocal Government
	☐ Utility  Private ☐ Tribal ☐ Federal ☐	State 🗌 L	ocal Government
		State □ L	ocal Government
4.	☐ Utility		
4.	☐ Utility  Private ☐ Tribal ☐ Federal ☐	State L	
<b>4</b> .	☐ Utility		
	☐ Utility		

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



a. UTM coordinates	✓ b. Latitude/Longitude		
	42.235971	70.972946	
c. UTMHorizontal - meters d. UTM Vertical - meters	f. Latitude 42.9° - 41.2°	g. Longitude – West	
Velid Permes		73.5° - 69.8°	
e. UTM Zone Valid Ranges:		Enter positive values only.	



Bureau of Waste Prevention - Air Quality

## P AQ AP-SR

Source Registration

2012	
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Α.	Facility Infor	mation (cont.)				
7.	North American Ind	lustry Classification Sys	tem (NAICS) 6 digits:			
	562211		, , ,			
	a. (Primary)	b.	c.	d.		
8.	Facility description needed):	(what is being produce	d and how it is being pro	oduced at this facility – upd		
	CLEAN HARBORS OF BRAINTREE INC. IS A HAZARDOUS WASTE TSDF. NO PRODUCTION AT THIS FACILITY.					
		-				
9.	Facility's normal ho	ours of operation:				
	12:00 AM	12:00 AM	🗹 c. Continu	ous - 24 x 7 x 52		
	a. Start time	b. End Time	<del></del>			
	d. Which days is th	e facility open?    S		/ VT VF VS		
		ees: <b>20</b>				
10.	Number of employe					
10.	Number of employe					
	Facility Owner:	same address as facility	mailing address (will copy add	dress into fields below)		
	Facility Owner:		mailing address (will copy address) f the ownership of this fa			
	Facility Owner: Please contact you	ır DEP Regional Office i				
	Facility Owner:  Please contact you  CLEAN HARBORS  a. Owner or Corporation	ir DEP Regional Office it				
	Facility Owner:  Please contact you  CLEAN HARBORS  a. Owner or Corporation  1 HILL AVE	or DEP Regional Office in S OF BRAINTREE INC In Name				
	Facility Owner:  Please contact you  CLEAN HARBORS  a. Owner or Corporation  1 HILL AVE	or DEP Regional Office in S OF BRAINTREE INC in Name				
	Facility Owner:  Please contact you  CLEAN HARBORS  a. Owner or Corporation  1 HILL AVE  b. Mailing Address Line	or DEP Regional Office in S OF BRAINTREE INC In Name  1 (for owner or corporation)  INCE MANAGER				

7134

i. Extension



g. Country

7813807100

h. Owner Phone Number

cabral.david@cleanharbors.com

k. Owner E-mail Address

7813807193

j. Owner Fax Number

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



Owner?



Source Registration

2012 Year of Record 1190564 Facility AQ identifier

Α.	Facility Information (conf	t.)				
	`	,				
12.	Facility <b>contact</b> information:	same address a				
	DAVID P.	same address a		ng address , P.E., TURP, BCEE		
	a. Facility Contact First Name		CABITAL,	· · · · · · · · · · · · · · · · · · ·		
	CLEAN HARBORS OF BRAINTREE	= INC	Contact Las	t Name		
	b. Mailing Address Line 1	_,				
	1 HILL AVENUE					
	c. Mailing Address Line 2					
	BRAINTREE		MA	021841363		
	d. City/Town		e. State	f. Zip Code		
	USÁ		cabral.da	vid@cleanharbors.com		
	g. Country		h. E-mail Ad			
	7813807100	7134	7813	3807193		
	i. Phone Number	j. Extension	k. Fax	x Number		
13	Air emissions information contact:	Z same	as facility con	ntact name and address		
10.	All chilosions information contact.		address as fa			
	DAVID P.			, P.E., TURP, BCEE		
	a. Air emissions contact <b>First</b> Name  Air emissions contact <b>Last</b> Name					
	<b>CLEAN HARBORS OF BRAINTREE</b>	E, INC.				
	b. Mailing Address Line 1					
_	1 HILL AVENUE					
	c. Mailing Address Line 2					
	BRAINTREE		MA	021841363		
	d. City/Town		e. State	f. Zip Code		
	USA		cabral.da	vid@cleanharbors.com		
	g. Country		h. E-mail Ad	Idress		
	7813807100	7134	7813	3807193		
	i. Phone Number	j. Extension	k. Fax	x Number		
R	Preparer					
1.	Identification information for prepare	<b>r</b> of this submit	tal: 🔲	same as facility air emissions contact name		
			_	and address		
				same as facility contact name and address		
				same address as facility address		
	DAVID		MEDINA			
	a. Preparer <b>First</b> Name		Preparer Las	st Name		
	CLEAN HARBORS ENVIRONMENT	TAL SERVICES	3			
	b. Mailing Address Line 1					
	42 LONGWATER DRIVE					
	c. Mailing Address Line 2					
	NORWELL		MA	020619149		
	d. City/Town		e. State	f. Zip Code		
	USA		-	@cleanharbors.com		
	g. Country		h. E-mail Ad			
	7817925174	· -		7921030		
	i. Phone Number	<ol><li>j. Extension</li></ol>	k. Fax	x Number		



Bureau of Waste Prevention - Air Quality

#### **BWP AQ AP-SR**

Source Registration

2012

Year of Record

1190564

Facility AQ identifier

#### 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.

Signed under the pains and penalties of perjury:

David P. Cabral

Signature of Responsible Official

5/8/2013

Date

eDEP enters these fields automatically on submission.

Responsible official – complete all fields below:

#### DAVID P.

a. Print First Name

#### CABRAL, P.E., TURP, BCEE

b. Print Last Name

#### **COMPLIANCE MANAGER**

c. Title

#### 7813807100

d. Phone Number

#### cabral.david@cleanharbors.com

e. E-mail Address





Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

# Year of record 1190564 Facility AQ identifier

#### A. Annual Total Emissions Statement

Importan
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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 INC** 

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	СО
	Actual for previous year	.0342	.0233	.4046	.4078	.0944
	eDEP only	Tons	Tons	Tons	Tons	Tons
	Actual for year of record:	0.02	0.0197	0.2412	0.3790	0.0552
		Tons	Tons	Tons	Tons	Tons
	Potential emissions at max	10.0495	9.4205	16.5201	143.5519	35.7008
	capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Facility-wide max allowed				17.3	
4	emissions – annual:	Tons	Tons	Tons	Tons	Tons
e e	Facility-wide max allowed				9400	
-wi	emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Facility-wide	Short term period:			_	MONTH	
Fac estr	Basis: DEP approval number or regulation:				MBR-95-RES-047	
	Pollutant:	voc	нос	*Reserved*	NH3	☐ *Reserved*
		.0202	0	0	.023	
	Actual for previous year	.0202	•	•	.020	
	Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
						Tons
	eDEP only	Tons	Tons	Tons	Tons	Tons
	eDEP only: Actual for year of record: Potential emissions at max	Tons <b>0.0122</b>	Tons 0	Tons 0	Tons <b>0.0137</b>	
	eDEP only: Actual for year of record:	Tons <b>0.0122</b> Tons	Tons 0 Tons	Tons 0 Tons	Tons <b>0.0137</b> Tons	
	Potential emissions at max capacity uncontrolled:  Facility-wide max allowed	Tons 0.0122 Tons 41.8513 Tons 36.2	Tons 0 Tons 0 Tons	Tons 0 Tons 0	Tons 0.0137 Tons 0.8320 Tons	Tons
Ą	Potential emissions at max capacity uncontrolled:  Facility-wide max allowed emissions – annual:	Tons 0.0122 Tons 41.8513 Tons 36.2 Tons	Tons 0 Tons 0	Tons 0 Tons 0	Tons 0.0137 Tons 0.8320	Tons
ide s only	Potential emissions at max capacity uncontrolled:  Facility-wide max allowed emissions – annual: Facility-wide max allowed	Tons 0.0122 Tons 41.8513 Tons 36.2 Tons 23600.0000	Tons 0 Tons 0 Tons Tons	Tons 0 Tons 0 Tons Tons	Tons 0.0137 Tons 0.8320 Tons Tons	Tons Tons Tons
y-wide ons only	Potential emissions at max capacity uncontrolled:  Facility-wide max allowed emissions – annual:  Facility-wide max allowed emissions – short term:	Tons 0.0122 Tons 41.8513 Tons 36.2 Tons 23600.0000 Pounds	Tons 0 Tons 0 Tons	Tons 0 Tons 0 Tons	Tons 0.0137 Tons 0.8320 Tons	Tons
Facility-wide strictions only	Potential emissions at max capacity uncontrolled:  Facility-wide max allowed emissions – annual: Facility-wide max allowed	Tons 0.0122 Tons 41.8513 Tons 36.2 Tons 23600.0000	Tons 0 Tons 0 Tons Tons	Tons 0 Tons 0 Tons Tons	Tons 0.0137 Tons 0.8320 Tons Tons	Tons Tons Tons



Bureau of Waste Prevention - Air Quality

### BWP AQ AP-TES

2012
Year of record
1190564
Facility AQ identifier

Total Emissions Statement & Hazardous Air Pollutant List

A. Annual Total Emissions Statement (con
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4. If you have **facility-wide** fuel, raw material, or product restrictions, complete the following for each:

I. EXEMPT	111252.0000	GALLONS	YEAR						
DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time						
NO. 2 FUEL OIL 0.3 PERCENT SULFUR									
Description of fuel, raw material	or product restricted								
		HOUD	\/ <b>=</b>						
MBR-89-COM-31	300.0000	HOUR	YEAR						
DEP approval # (most recent)	Amount of restriction	Restriction units Per unit t							
NO. 2 FUEL OIL 0.3 PERCENT	NO. 2 FUEL OIL 0.3 PERCENT SULFUR								
Description of fuel, raw material	Description of fuel, raw material or product restricted								
MBR-86-COM-027	376680.0000	GALLONS	YEAR						
DEP approval # (most recent)	Amount of restriction	Restriction units	Per unit time						
NO. 2 FUEL OIL 0.3 PERCENT	NO. 2 FUEL OIL 0.3 PERCENT SULFUR								
	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:										
	<u>Us</u> e	Emitted	<u>Us</u> e	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

Air Act that are listed below and on the following pages:	

1	yes -	<ul> <li>indicate</li> </ul>	which	chemical	s are u	ised an	d which	are e	emitted	by ch	necking	the ap	opropriate	e boxe
	no -	skip to se	ection [	<b>)</b> .										

(	?
What	is a HAP ?

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



Bureau of Waste Prevention – Air Quality

## **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

2012 Year of record

1190564

Facility AQ identifier

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

□         □         Bis(2-ethylhexyl)phthalate         117-81-77         □         □         1.4-Dirotanee (1,4-Diethyleneoxide)         123-91-76           □         □         Bis(Chetnyl)phthalate         117-81-77         □         □         1.4-Dirotanee (1,4-Diethyleneoxide)         123-96-71           □         □         Bromoform         75-25-2         □         □         Epichlorchydini (1-Chiore-23-goopxypropane) (168-88-72)         □         □         1.2-Epoxybulane (1,2-Butylene oxide)         106-88-72         □         □         Ethyl carcylate         140-88-52         □         □         □         Ethyl carcylate         140-88-52         □         <	Use	Emi	tted	CAS#	Use	Emi	tted	CAS#
Bis(2-ethylhexyl)phthalate	П	П	Biphenyl	92-52-4	П	П	2.4-Dinitrotoluene	121-14-2
□         Bisckhloromethylylether         \$42.88.1         □         1,2-Diphenyhlydrazine         106-89.7           □         I nomoform         75.25.2         □         □         Epichlorohydrin (1-Chloro-2.3-epoxypropane)106-89-8           □         Calcium cyanamide         106-99-0         □         □         1,2-Epoxybutane (1,2-Butylene oxide)         106-88-7           □         Carbaryl         63-25-2         □         □         Ethyl senzene         100-41-4           □         Carbon disulfide         75-15-0         □         Ethyl chloride (Chloroethane)         75-00-3           □         Carbor tetrachloride         56-23-5         □         Ethylene dibromide (1,2-Dibromeethane)         107-06-2           □         Carborolyl sulfide         483-58-1         □         □         Ethylene dibromide (1,2-Dibromeethane)         107-20-1           □         Carborolyl sulfide         483-58-1         □         □         Ethylene dibromide (1,2-Dibromeethane)         107-20-1           □         Chlorofane         75-74-9         □         Ethylene dibromide (1,2-Dibromeethane)         107-20-1           □         Chlorofane         75-74-9         □         Ethylene dibromide (1,2-Dibriohoreethane)         76-24-8           □ <td< td=""><td></td><td></td><td>• •</td><td></td><td></td><td></td><td>•</td><td></td></td<>			• •				•	
□         □         Bromotorm         75-25-2         □         □         Epichlordyydin (1-Chloro-2-3-epoxypropaner)106-89-8 1 06-89-87           □         1 3-3-Butadiene         106-99-7         □         1.2-Epoxybutane (1,2-Butylene oxide)         106-88-7           □         Carbary         63-25-2         □         Ethyl bacylate         140-88-5           □         Carbaryl         63-25-2         □         Ethyl bacylate         100-41-4           Local Carbaryl         63-25-2         □         Ethyl bachanate (Urethane)         51-79-6           □         Carbon disutifide         75-15-0         □         Ethyl carbanate (Urethane)         57-00-3           □         Carbonyl sulfide         463-58-1         □         □         Ethylene dichloride (1,2-Dichloromethane)         106-20-2           □         Catechol         120-80-9         □         Ethylene dichloride (1,2-Dichloroethane)         107-21-1           □         Chloraber         77-74-9         □         Ethylene dichloride (1,2-Dichloroethane)         107-21-8           □         Chloraber         77-47-9         □         Ethylene dichloride (1,2-Dichloroethane)         107-21-8           □         Chloraber         77-74-9         □         Ethylene oxide								
□         1.3-Butacliene         106-99-0         □         1.2-Epoxybutane (1,2-Butylene oxide)         106-88-7           □         Calcium cyanamide         156-62-7         □         Ethyl acrylate         140-88-5           □         Carbaryl         63-25-2         □         Ethyl choride (Chloroethane)         75-79-6           □         Carbon disulfide         75-15-0         □         Ethyl choride (Chloroethane)         75-09-3           □         Carbon tetrachloride         56-23-5         □         Ethylene dibromide (1,2-Dibromeethane)         107-09-34           □         Carbonyl sulfide         483-881         □         Ethylene dibromide (1,2-Dibromeethane)         107-02-1           □         Chloroamben         133-90-4         □         Ethylene dibromide (1,2-Dibromeethane)         107-02-1           □         Chlorofane         57-74-9         □         Ethylene mine (Azindine)         107-21-1           □         Chloroacetic acid         79-11-8         □         Ethylene dibromide (1,2-Dibromeethane)         76-21-8           □         Chloroacetic acid         79-11-8         □         Ethylene dibromide (1,2-Dibromeethane)         76-21-8           □         Chloroacetic acid         79-11-8         □         Ethylene dibromide			* * * * * * * * * * * * * * * * * * * *					
□   Calcium cyanamide								•
□   Captan   133-06-2   □   Ethyl benzene   100-41-4   □   Carbon disulfide   75-15-0   □   Ethyl chioride (Chloroethane)   75-09-3   □   Carbon disulfide   75-15-0   □   Ethyl chloride (Chloroethane)   75-09-3   □   Carbonyl sulfide   483-58-1   □   Ethylene dibromide (1,2-Dibromoethane)   107-08-2   □   Carbonyl sulfide   483-58-1   □   Ethylene dibromide (1,2-Dibromoethane)   107-08-2   □   Catechol   120-80-9   □   Ethylene dibromide (1,2-Dibromoethane)   107-08-2   □   Chloramplan   133-90-4   □   Ethylene dibromide (1,2-Dibromoethane)   107-08-2   □   Chloramben   133-90-4   □   Ethylene dibromide (1,2-Dibromoethane)   107-08-2   □   Chloromene   57-74-9   □   Ethylene dibromide (1,2-Dibromoethane)   107-21-1   □   Chloromene   57-74-9   □   Ethylene mirine (Aziridine)   151-56-4   □   Chloroacetic acid   79-11-8   □   Ethylene mirine (Aziridine)   151-56-4   □   Chloroacetophenone   532-27-4   □   Ethylene thiourea   96-45-7   □   Chloroacetophenone   532-27-4   □   Formaldehyde   50-00-0   □   Chloroacetophenone   532-27-4   □   Formaldehyde   50-00-0   □   Chlorobenziate   510-15-6   □   Hexachloro-butadiene   87-68-3   □   Chloroform   67-96-3   □   Hexachloro-butadiene   87-88-3   □   Chloroform   138-90-7   □   Hexachloro-butadiene   87-88-3   □   Chloroformehy methyl ether   107-30-2   □   Hexachloro-butadiene   87-88-3   □   Chloroformehy methyl ether   107-30-2   □   Hexachloro-butadiene   87-88-3   □   Chloroformehy methyl ether   108-30-4   □   Hexachloro-butadiene   87-88-3   □   Chloroformehy methyl ether   108-3		_	·			_		140-88-5
□ □ Carbaryl         63-25-2         □ Description of Ethyl carbamate (Urethane)         75-70-3           □ Carbon disulfide         75-15-0         □ Ethyl chloride (Chloroethane)         75-00-3           □ Carbon (Sulfide         463-55-1         □ Ethylene dichloride (1,2-Dichloroethane)         106-93-4           □ Catechol         120-80-9         □ Description         Ethylene dichloride (1,2-Dichloroethane)         107-06-2           □ Chloramben         133-90-4         □ Description         Ethylene imine (Azirdine)         151-56-4           □ Chloridane         77-82-50-5         □ Ethylene imine (Azirdine)         75-21-8           □ Chloroacetic acid         79-11-8         □ Ethylene imine (Azirdine)         75-21-8           □ Chloroacetic acid         79-11-8         □ Ethylidene dichloride (1,1-Dichloroethane)         75-21-8           □ Chlorobenziate         108-90-7         □ Ethylidene dichloride (1,1-Dichloroethane)         75-64-8           □ Chlorobenziate         108-90-7         □ Ethylidene dichloride (1,1-Dichloroethane)         76-63-3           □ Chlorobenziate         108-90-7         □ Ethylidene dichloride (1,1-Dichloroethane)         76-44-8           □ Chlorobenziate         101-9-9-9         □ Ethylidene dichloride (1,1-Dichloroethane)         76-44-8           □ Chlorobenziate         101-15-9			•			_	• •	
□         □         Carbon disulfide         75-15-0         □         Ethyl chloride (Chloroethane)         75-00-3           □         Carbonyl sulfide         463-58-1         □         Ethylene dichloride (1,2-Dichloroethane)         107-06-2           □         Catechol         120-80-9         □         Ethylene dichloride (1,2-Dichloroethane)         107-21-1           □         Chloramben         133-90-4         □         Ethylene mime (Azirdine)         151-56-4           □         Chloradne         57-74-9         □         Ethylene cwide         75-21-8           □         Chloracectic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane)         75-34-3           □         Chloroacetic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane)         75-34-3           □         Chlorobenzene         18-90-7         □         Ethylene dichloride (1,1-Dichloroethane)         75-21-8           □         Chloroacetic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane)         95-24-7           □         Chloroacetic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane)         96-7-72-1           □         Chloroacetic acid         91-11-8 <td< td=""><td></td><td></td><td>·</td><td>63-25-2</td><td></td><td></td><td>•</td><td>51-79-6</td></td<>			·	63-25-2			•	51-79-6
□         □         Carbon tetrachloride         65-23-5         □         □         Ethylene dichoride (1,2-Dichloroethane)         106-93-4           □         Catechol         120-80-9         □         Ethylene glycol         107-21-1           □         Chloramben         133-90-4         □         Ethylene minice (Azirdine)         151-56-4           □         Chloridane         77-87-49         □         Ethylene coxide         75-21-8           □         Chloridane         7782-50-5         □         Ethylene coxide         75-21-8           □         Chlorobacetic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane)         75-34-3           □         Chlorobenzene         108-90-7         □         Ethylene dichloride (1,1-Dichloroethane)         75-34-3           □         Chlorobenzide         510-15-6         □         Hexachlorobenzene         118-74-1           □         Chlorobenzide         510-15-6         □         Hexachlorobenzene         118-74-1           □         Chloromethyl methyl ether         107-30-2         □         Hexachlorobenzene         77-47-4           □         Chlorobenzidene         1319-77-3         □         Hexachlorobenzende         77-21-1			•	75-15-0			· · · · · · · · · · · · · · · · · · ·	75-00-3
□         □         Catechol         120-80-9         □         □         Ethylene glycol         107-21-1           □         Chlordane         57-74-9         □         □         Ethylene cwide         75-21-8           □         Chloroacetic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane) 75-34-3           □         □         Chloroacetic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane) 75-34-3           □         □         Chlorobenzene         108-90-7         □         Heptachlor         76-44-8           □         □         Chlorobenzene         108-90-7         □         Heptachlor         76-44-8           □         □         Chloroform         67-66-3         □         Hexachloroebrace         118-74-1           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachloroecyclopentadiene         77-47-4           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachloroecyclopentadiene         77-47-4           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachloroecyclopentadiene         67-72-1           □         Chloromethyl methyl ethe		V	Carbon tetrachloride	56-23-5			Ethylene dibromide (1,2-Dibromoethane)	106-93-4
□         □         Catechol         120-80-9         □         □         Ethylene glycol         107-21-1           □         Chlordane         57-74-9         □         □         Ethylene cwide         75-21-8           □         Chloroacetic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane) 75-34-3           □         □         Chloroacetic acid         79-11-8         □         Ethylene dichloride (1,1-Dichloroethane) 75-34-3           □         □         Chlorobenzene         108-90-7         □         Heptachlor         76-44-8           □         □         Chlorobenzene         108-90-7         □         Heptachlor         76-44-8           □         □         Chloroform         67-66-3         □         Hexachloroebrace         118-74-1           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachloroecyclopentadiene         77-47-4           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachloroecyclopentadiene         77-47-4           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachloroecyclopentadiene         67-72-1           □         Chloromethyl methyl ethe		V	Carbonyl sulfide	463-58-1			Ethylene dichloride (1,2-Dichloroethane)	107-06-2
□         □         □         □         □         □         □         □         □         151-56-4         □			Catechol	120-80-9		V	Ethylene glycol	107-21-1
□         □         □         □         □         Ethylene oxide         75-21-8           □         □         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         □         Heptachloro         76-44-8           □         □         Chloroform         67-66-3         □         Hexachloro-butadiene         87-68-3           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachlorocyclopentadiene         77-47-4           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachlorocyclopentadiene         67-72-1           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachlorocyclopentadiene         67-72-1           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachlorocyclopentadiene         67-72-1           □         □         Chloromethyl methyl ether         107-30-2         □         Hexachlorocyclopentadiene         <			Chloramben	133-90-4		V	Ethylene imine (Aziridine)	151-56-4
□         Chloroacetic acid         79-11-8         □         Ethylidene dichloride (1,1-Dichloroethane) 75-34-3           □         2 Chloroacetophenone         532-27-4         □         Formaldehyde         50-00-0           □         2 Chlorobenzilate         510-15-6         □         Hexachloro-butadiene         87-88-3           □         2 Chloroform         67-66-3         □         Hexachloro-butadiene         87-88-3           □         2 Chloromethyl methyl ether         107-30-2         □         Hexachloro-butadiene         87-88-3           □         2 Chloroprene         126-99-8         □         □         Hexachloro-butadiene         87-88-3           □         2 Chloroprene         126-99-8         □         □         Hexachloro-butadiene         87-88-3           □         2 Chloroprene         126-99-8         □         □         Hexachloro-butadiene         67-72-1           □         2 Chloroprene         136-99-8         □         □         Hexamethylpene-1,6-diisocyanate         822-06-0           □         2 Chresol         108-34-4         □         Hexamethylphosphoramide         680-31-9           □         2 Cresol         108-48-7         □         Hydrazine         302-01-2		V	Chlordane	57-74-9		V	Ethylene oxide	75-21-8
□         □         2-Chloroacetophenone         532-27-4         □         □         Formaldehyde         50-00-0           □         Chlorobenzene         108-90-7         □         Heptachlor         76-44-8           □         Chlorobenzilate         510-15-6         □         Hexachloro-butadiene         87-68-3           □         Chloromethyl methyl ether         107-30-2         □         Hexachlorocyclopentadiene         77-47-4           □         Chloroprene         126-99-8         □         Hexachlorocyclopentadiene         67-72-1           □         Chloroprene         126-99-8         □         Hexamethylene-1,6-diisocyanate         822-06-0           □         M-Cresol         108-39-4         □         Hexamethylphosphoramide         882-06-0           □         D-Cresol         95-48-7         □         Hexamethylphosphoramide         860-31-9           □         C-Cresol         95-48-7         □         Hexamethylphosphoramide         80-31-9           □         D-Cresol         95-48-7         □         Hexamethylphosphoramide         80-31-9           □         D-Cresol         95-48-7         □         Hydrozhiorac         302-01-2           □         Understand		V	Chlorine	7782-50-5			Ethylene thiourea	96-45-7
□         □         Chlorobenzene         108-90-7         □         □         Heptachlor         76-44-8           □         Chlorobenzilate         510-15-6         □         Hexachloro-butadiene         87-68-3           □         Chloroform         67-66-3         □         Hexachloro-butadiene         77-47-4           □         Chloroprene         126-99-8         □         Hexachlorocyclopentadiene         77-47-4           □         Chloroprene         126-99-8         □         Hexamethylene-1,6-diisocyanate         822-06-0           □         Cresols (mixed isomers)         1319-77-3         □         Hexamethylphosphoramide         80-31-9           □         O-Cresol         95-48-7         □         Hexamethylphosphoramide         680-31-9           □         O-Cresol         95-48-7         □         Hexamethylphosphoramide         680-31-9           □         O-Cresol         95-48-7         □         Hexamethylphosphoramide         680-31-9           □         D-Cresol         106-44-5         □         Hexamethylphosphoramide         680-31-9           □         D-Cresol         106-44-7         □         Hydroganion         7467-4-10-0           □         2,4-D, salts and este		V	Chloroacetic acid	79-11-8			Ethylidene dichloride (1,1-Dichloroethane)	75-34-3
□         □         Chloroform         510-15-6         □         □         Hexachloroebenzene         87-68-3           □         □         Chloroform         67-66-3         □         □         Hexachloro-butadiene         87-68-3           □         □         Chloroprene         126-99-8         □         □         Hexachloroethane         67-72-1           □         □         Chloroprene         126-99-8         □         □         Hexamethylene-1,6-diisocyanate         822-06-0           □         □         Cresols (mixed isomers)         1319-77-3         □         □         Hexamethylphosphoramide         680-31-9           □         □         o-Cresol         95-48-7         □         Hexamethylphosphoramide         680-31-9           □         □         Cresol         106-44-5         □         □         Hydrogen fluoride         764-7-01-0           □         □         Cumene         98-82-8         □         □         Hydrogen fluoride         764-39-3           □         DDE         72-55-9         □         □         Hydrogen fluoride         764-39-3           □         Diazomethane         334-88-3         □         □         Hydrogen fluoride			2-Chloroacetophenone	532-27-4		V	Formaldehyde	50-00-0
□         Chloroform         67-66-3         □         □         Hexachloro-butadiene         87-68-3           □         □         Chloromethyl methyl ether         107-30-2         □         □         Hexachlorocyclopentadiene         77-47-4           □         □         Chloroprene         126-99-8         □         □         Hexachlorocyclopentadiene         67-72-1           □         □         Cresols (mixed isomers)         1319-777-3         □         □         Hexamethylene-1,6-diisocyanate         822-06-0           □         □         O-Cresol         95-48-7         □         □         Hexamethylphosphoramide         680-31-9           □         □         P-Cresol         106-44-5         □         □         Hydrachloric acid         7647-01-0           □         □         Cumene         98-82-8         □         □         Hydrogen fluoride         7647-01-0           □         □         2,4-D, salts and esters         94-75-7         □         □         Hydrogen fluoride         7647-01-0           □         □         1,2-Discomethane         334-88-3         □         □         Hydrogen fluoride         768-39-3           □         □         Dibetyliphthalate         84		V	Chlorobenzene	108-90-7		V	Heptachlor	76-44-8
□         □         Chloromethyl methyl ether         107-30-2         □         □         Hexachlorocyclopentadiene         77-47-4           □         □         Chloroprene         126-99-8         □         □         Hexamethylene-1,6-diisocyanate         822-06-0           □         □         Crcesol (mixed isomers)         1319-77-3         □         □         Hexamethylphosphoramide         680-31-9           □         □         O-Cresol         95-48-7         □         □         Hexamethylphosphoramide         680-31-9           □         □         Corresol         95-48-7         □         □         Hydrazine         302-01-2           □         □         Cumene         98-82-8         □         □         Hydrogen fluoride         7647-01-0           □         □         Cumene         98-82-8         □         □         Hydrogen fluoride         7664-39-3           □         □         Dibzomethane         334-88-3         □         □         Hydrogen sulfide         778-30-64           □         □         Diazomethane         334-88-3         □         □         Hydrogen sulfide         78-59-1           □         □         Dibenzofura         132-64-9         <			Chlorobenzilate	510-15-6			Hexachlorobenzene	118-74-1
□         Chloroprene         126-99-8         □         □         Hexanchloroethane         67-72-1           □         □         Cresols (mixed isomers)         1319-77-3         □         □         Hexamethylene-1,6-diisocyanate         822-06-0           □         □         n-Cresol         95-48-7         □         □         Hexame         110-54-3           □         □         p-Cresol         106-44-5         □         □         Hydrazine         302-01-2           □         □         Cumene         98-82-8         □         □         Hydrochloric acid         7647-01-0           □         □         Z.4-D, salts and esters         94-75-7         □         □         Hydrogen fluoride         7664-39-3           □         □         Diazomethane         334-88-3         □         □         Hydrogen sulfide         778-96-4           □         □         Diazomethane         132-64-9         □         Isophorone         78-89-1           □         □         1,2-Diibromo-3-chloropropane         96-12-8         □         Lindane         18-89-3           □         □         1,4-Dichlorobenzdne         91-94-1         □         Methoxychlor         72-43-5		V	Chloroform	67-66-3			Hexachloro-butadiene	87-68-3
□         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         □         Hexame         110-54-3           □         □         P-Cresol         106-44-5         □         Hydrozen         302-01-2           □         □         Cumene         98-82-8         □         □         Hydrozen fluoride         7647-01-0           □         □         2,4-D, salts and esters         94-75-7         □         □         Hydrogen sulfide         7783-06-4           □         Diazomethane         334-88-3         □         □         Hydrogen sulfide         778-06-4           □         Dibutylohidate         34-8-8-3			Chloromethyl methyl ether	107-30-2			Hexachlorocyclopentadiene	77-47-4
□         □         m-Cresol         108-39-4         □         Hexamethylphosphoramide         680-31-9           □         □         o-Cresol         95-48-7         □         Hexane         110-54-3           □         □         p-Cresol         106-44-5         □         Hydroschloric acid         7647-01-0           □         □         Cumene         98-82-8         □         Hydroschloric acid         7647-01-0           □         □         2,4-D, salts and esters         94-75-7         □         Hydrogen fluoride         7664-39-3           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         7783-06-4           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         7783-06-4           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         778-9-9-1           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         78-9-9-1           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         78-9-1           □         □         Dizbactorica         108-61-8         □			Chloroprene	126-99-8		V	Hexachloroethane	67-72-1
□         □         m-Cresol         108-39-4         □         Hexamethylphosphoramide         680-31-9           □         □         o-Cresol         95-48-7         □         Hexane         110-54-3           □         □         p-Cresol         106-44-5         □         Hydroschloric acid         7647-01-0           □         □         Cumene         98-82-8         □         Hydroschloric acid         7647-01-0           □         □         2,4-D, salts and esters         94-75-7         □         Hydrogen fluoride         7664-39-3           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         7783-06-4           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         7783-06-4           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         778-9-9-1           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         78-9-9-1           □         □         Dizzomethane         334-88-3         □         Hydrogen sulfide         78-9-1           □         □         Dizbactorica         108-61-8         □		V	Cresols (mixed isomers)	1319-77-3			Hexamethylene-1,6-diisocyanate	822-06-0
□         □         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-Dichlorobenzidene         91-94-1         □         Methanol         72-43-5           □         Dichlorothylether (Bis(2-chloroethyl)ether) 111-44-4         □         □         Methyl bromide (Bromomethane)         74-83-9           □         1,3-Dichloropropene (1,3-Dichloropropylene) 542-75-6         □         □         Methyl chloride (Chlorom		V	m-Cresol	108-39-4			Hexamethylphosphoramide	680-31-9
□         Cumene         98-82-8         □         □         Hydrochloric acid         7647-01-0           □         2,44-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         □         Ø         Melcic anhydride         108-31-6           □         1,4-Dichlorobenzidene         91-94-1         □         Methyachlor         72-43-5           □         Dichloroethylether (Bis(2-chloroethyl)ether) 111-44-4         □         Methyl bromide (Bromomethane)         74-83-9           □         1,3-Dichloropopene (1,3-Dichloropropylene) 542-75-6         □         Ø         Methyl chloroform (1,1,1-Trichloroethane)         74-83-9           □         Dichlorvos         62-73-7         □         Ø         Methyl chloroform (1,1,1-Trichloroethane) <td></td> <td>V</td> <td>o-Cresol</td> <td>95-48-7</td> <td></td> <td>~</td> <td>Hexane</td> <td>110-54-3</td>		V	o-Cresol	95-48-7		~	Hexane	110-54-3
□         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         □         I sophorone         78-59-1           □         1,2-Dibromo-3-chloropropane         96-12-8         □         U Lindane         58-89-9           □         Dibutylphthalate         84-74-2         □         ☑         Maleic anhydride         108-31-6           □         1,4-Dichlorobenzene         106-46-7         □         ☑         Methoxychlor         72-43-5           □         1,3-Dichlorobenzidene         91-94-1         □         ☑         Methoxychlor         72-43-5           □         Dichlorocethylether (Bis(2-chloroethyl)ether) 111-44-4         □         ☑         Methyl bromide (Bromomethane)         74-87-3           □         1,3-Dichloroproppene (1,3-Dichloropropylene) 542-75-6         □         ☑         Methyl chloroform (1,1,1-Trichloroethane)         71-55-6           □         Dichlorvos         62-73-7		V	p-Cresol	106-44-5		V	Hydrazine	302-01-2
□         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         □         Methyanol         67-56-1           □         3,3-Dichlorobenzidene         91-94-1         □         Methyl bromide (Bromomethane)         74-83-9           □         1,3-Dichloroperopene (1,3-Dichloropropylene) 542-75-6         □         ☑         Methyl chloroform (1,1,1-Trichloroethane)         74-87-3           □         Dichlorovs         62-73-7         □         ☑         Methyl ethyl ketone (not required)         78-93-3           □         Diethyl sulfate         64-67-5         □         ☑         Methyl hydrazine         60-34-4           □         Dimethyl sulfate         64-67-5         □         ☑         Methyl isobutyl ketone (Hexone)         108-10-4 </td <td></td> <td>V</td> <td>Cumene</td> <td>98-82-8</td> <td></td> <td>V</td> <td>Hydrochloric acid</td> <td>7647-01-0</td>		V	Cumene	98-82-8		V	Hydrochloric acid	7647-01-0
□         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 bromide (Chloromethane)         74-83-9           □         Dichlorvos         62-73-7         □         Methyl chloride (Chloromethane)         71-55-6           □         Diichlorvos         62-73-7         □         Methyl ethyl ketone (not required)         78-93-3           □         N,N-Diethyl aniline (N,N-Dimethylaniline)         121-69-7         □         Methyl hydrazine         60-34-4		V	2,4-D, salts and esters	94-75-7		V	Hydrogen fluoride	7664-39-3
□         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 chloroform (1,1,1-Trichloroethane)         74-87-3           □         Dichlorovs         62-73-7         □         Methyl ethyl ketone (not required)         78-93-3           □         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 sobutyl ketone (hexone)         108-10-1 <td></td> <td></td> <td>DDE</td> <td>72-55-9</td> <td></td> <td></td> <td>Hydrogen sulfide</td> <td>7783-06-4</td>			DDE	72-55-9			Hydrogen sulfide	7783-06-4
□         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         □         Methyl bromide (Bromomethane)         72-43-5           □         Dichloropropene (1,3-Dichloropropylene) 542-75-6         □         Methyl chloride (Chloromethane)         74-87-3           □         Dichlorvos         62-73-7         □         Methyl chloroform (1,1,1-Trichloroethane)         74-87-3           □         Dichlorvos         62-73-7         □         Methyl ethyl ketone (not required)         78-93-3           □         Dichlanolamine         111-42-2         □         Methyl bydrazine         60-34-4           □         N,N-Diethyl aniline (N,N-Dimethylaniline)         121-69-7         □         Methyl isobutyl ketone (not required)         78-93-3           □         Dichloryside         64-67-5         □         Methyl isobutyl ketone (hor required)         74-88-4           □         3,3-Dimethyl aniline (N,N-Dimethyl aniline)         119-90-4         □         Methyl isobuty			Diazomethane	334-88-3		V	Hydroquinone	123-31-9
□ Dibutylphthalate         84-74-2         □ Waleic 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 isobutyl ketone (Hexone)         108-10-1           □ Dimethyl aminoazobenzene         60-11-7         □ Methyl isocyanate         624-83-9           □ 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         □ Methyl tert-butyl ether         1634-04-4           □ Dimethy			Dibenzofuran	132-64-9			Isophorone	78-59-1
□         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 chloroform (1,1,1-Trichloroethane)         71-55-6           □         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 (lodomethane)         74-88-4           □         3,3-Dimethyl sulfate         60-11-7         □         Methyl isobutyl ketone (Hexone)         108-10-1           □         Dimethyl aminoazobenzene         60-11-7         □         Methyl isobutyl ketone (Hexone)         108-10-1           □         Jimethyl carbamoyl chloride         79-44-7         □         Methyle			1,2-Dibromo-3-chloropropane	96-12-8		V	Lindane	58-89-9
□ 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 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 isodide (Iodomethane)         74-88-4           □ Dimethyl aminoazobenzede         60-11-7         □ Methyl isocyanate         624-83-9           □ Dimethyl aminoazobenzene         60-11-7         □ Methyl methacrylate         80-62-6           □ Dimethyl carbamoyl chloride         79-44-7         □ Methyl methacrylate         80-62-6           □ Dimethyl formamide (N,N-)         68-12-2         □ Methyl tert-butyl ether         1634-04-4           □ Dimethyl hydrazine         57-14-7         □ Methylene chloride (Dichloromethane)         75-09-2           □ Dimethyl phthalate         131-11-3         □ Methylene diphenyl diisocyanate (MDI			Dibutylphthalate	84-74-2		V	Maleic anhydride	108-31-6
□         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           □         Diethyl sulfate         64-67-5         □         Methyl isobutyl ketone (Hexone)         108-10-1           □         Dimethyl aminoazobenzene         60-11-7         □         Methyl isobutyl ketone (Hexone)         108-10-1           □         Jinethyl 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         □		V	1,4-Dichlorobenzene	106-46-7		V	Methanol	67-56-1
□         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 isodutyl ketone (Hexone)         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 methacrylate         80-62-6           □         Dimethyl formamide (N,N-)         68-12-2         □         4,4-Methylenebis(2-chloroaniline)         101-14-4           □         1,1-Dimethyl hydrazine         57-14-7			3,3-Dichlorobenzidene	91-94-1		V	Methoxychlor	72-43-5
□         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 (lodomethane)         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 diphenyl diisocyanate(MDI)         101-68-8           □         Dimethyl sulfate         77-78-1         □			Dichloroethylether (Bis(2-chloroethyl)ether)	111-44-4		V	Methyl bromide (Bromomethane)	74-83-9
□         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 (lodomethane)         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 sulfate         131-11-3         □         Methylene diphenyl diisocyanate(MDI)         101-68-8           □         Dimethyl sulfate         77-78-1         □ </td <td></td> <td></td> <td>1,3-Dichloropropene (1,3-Dichloropropylene)</td> <td>542-75-6</td> <td></td> <td>V</td> <td>Methyl chloride (Chloromethane)</td> <td>74-87-3</td>			1,3-Dichloropropene (1,3-Dichloropropylene)	542-75-6		V	Methyl chloride (Chloromethane)	74-87-3
□         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           □         D imethyl sulfate         77-78-1         □         4,4-Methylenedianiline         101-77-9           □         4,6-Dinitro-o-cresol and salts         534-52-1         □							• • • • • • • • • • • • • • • • • • • •	
□         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		V	Diethanolamine	111-42-2		V	Methyl ethyl ketone (not required)	78-93-3
□         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			N,N-Diethyl aniline (N,N-Dimethylaniline)	121-69-7			Methyl hydrazine	60-34-4
□         □ 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			Diethyl sulfate	64-67-5			Methyl iodide (lodomethane)	74-88-4
□       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			3,3-Dimethoxybenzidine	119-90-4		~	Methyl isobutyl ketone (Hexone)	108-10-1
□         □         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			Dimethyl aminoazobenzene	60-11-7			Methyl isocyanate	624-83-9
□         □         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			3,3-Dimethyl benzidine	119-93-7		~	Methyl methacrylate	80-62-6
□       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			Dimethyl carbamoyl chloride	79-44-7		~	Methyl tert-butyl ether	1634-04-4
□       □       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		V	Dimethyl formamide (N,N-)	68-12-2		~	4,4-Methylenebis(2-chloroaniline)	101-14-4
□         □         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			1,1-Dimethyl hydrazine	57-14-7		V	Methylene chloride (Dichloromethane)	75-09-2
□ □ 4,6-Dinitro-o-cresol and salts 534-52-1 □ ☑ Naphthalene 91-20-3			Dimethyl phthalate	131-11-3				101-68-8
		V		77-78-1			4,4-Methylenedianiline	101-77-9
			4,6-Dinitro-o-cresol and salts	534-52-1		V	Naphthalene	91-20-3
□ □ 2,4-Dinitrophenol 51-28-5 □ □ Nitrobenzene 98-95-3			2,4-Dinitrophenol	51-28-5			Nitrobenzene	98-95-3



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

2012 Year of record

1190564

Facility AQ identifier

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

Use	Emitted	CAS#	Use	Em	itted	CAS#
	☐ 4-Nitrobiphenyl ☐ 4-Nitrophenol	92-93-3 100-02-7			Vinylidene chloride (1,1-Dichloroethylene) Xylene (mixed isomers)	75-35-4 1330-20-7
	☐ 2-Nitropropane	79-46-9		<b>V</b> 1	m-Xylene	108-38-3
	☐ N-Nitrosodimethylamine	62-75-9		V (	o-Xylene	95-47-6
	☐ N-Nitrosomorpholine	59-89-2			p-Xylene	106-42-3
	☐ N-Nitroso-N-methylurea	684-93-5		V /	Antimony	7440-36-0
	☐ Parathion	56-38-2				
	☐ Pentachloronitrobenzene (Quintozene)	82-68-8	Arser	nic c	ompounds:	
	☐ Pentachlorophenol	87-86-5		v 1	Arsenic	7440-38-2
	☑ Phenol	108-95-2		<b>V</b>	Arsine	7784-42-1
	☑ p-Phenylenediamine	106-50-3				
	☐ Phosgene	75-44-5	Othe			
	☐ Phosphine	7803-51-2			Beryllium	7440-41-7
	☐ Phosphorous	7723-14-0			Cadmium	7440-43-9
	☑ Phthalic anhydride	85-44-9		_	Chromium	7440-47-3
	☑ PCBs	1336-36-3			Cobalt	7440-48-4
	☐ 1,3- Propane sultone	1120-71-4			Lead	7439-92-1
	☐ beta-Propiolactone	57-57-8			Manganese	7439-96-5
	☐ Propionaldehyde	123-38-6			Mercury	7439-97-6
	☐ Propoxur (Baygon)	114-26-1		_	Nickel	7440-02-0
	Propylene dichloride (1,2 Dichloropropane	,			Selenium	7782-49-2
	Propylene oxide	75-56-9	_	_		
	1,2-Propylenimine (2-Methyl aziridine)	75-55-8		Ш	Coke oven emissions	
	☑ Quinoline	91-22-5	_	_	0 11 1 1/01 1 1 1/11	
	Quinone	106-51-4		~	Cyanide compounds (XCN where X=H o	•
	☑ Styrene	100-42-5		_	group where a formal dissociation may	,
	☐ Styrene oxide	96-09-3		Ш	Hydrogen cyanide	74-90-8
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6			Chroal others (include mone and disease	toro of otherland
	1,1,2,2-Tetrachloroethane	79-34-5			Glycol ethers (include mono- and di- esi	•
	<ul><li>☑ Tetrachloroethylene (Perchloroethylene)</li><li>☐ Titanium tetrachloride</li></ul>	7550-45-0			glycol, diethylene glycol, and triethylene (OCH2CH2)n-OR' where n = 1, 2, or 3:	
	☐ Titanium tetrachionde ☐ Toluene	108-88-3			less; or R= phenyl or alkyl substituted pl	,
	☐ Toluene-2,4- diamine	95-80-7			alkyl C7 or less; or OR' consisting of cal	
	✓ 2,4-Toluene diisocyanate	584-84-9			ester, sulfate, phosphate, nitrate or sulfe	
	□ o-Toluidene	95-53-4			Fine mineral fibers (includes glass micro	ofibers, glass
	☐ 0-10ldiderie ☐ 1,2,4-Trichlorobenzene	120-82-1			wool fibers, rock wool fibers and slag we	
	☑ 1,1,2-Trichloroethane	79-00-5			characterized as "respirable" (fiber diam	
	☑ Trichloroethylene	79-00-5 79-01-6			micrometers) and possessing an aspect	t ratio (fiber
	☐ 2,4,5-Trichlorophenol	95-95-4		[2]	length divided by fiber diameter) > 3) Polycyclic Organic Matters (POM) (inclu	idos organia
	☐ Z,4,5-Michiorophenol	121-44-8	ш	كا	compounds with more than one benzen	•
	☐ Trifluralin	1582-09-8			which have a boiling point greater than	
	2,2,4-Trimethylpentane	540-84-1			C)	5. 5quai to 100
	✓ Vinyl acetate	108-05-4			Radionuclides (a type of atom which sp	ontaneously
	☐ Viriyi acetate	593-60-2	•	_	undergoes radioactive decay)	,
	✓ Vinyl chloride	75-01-4			,,	
Ш	El villyi ciliolide	7 3-0 1-4				



Do you need an operating permit?

to TURA?

#### **Massachusetts Department of Environmental Protection**

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

2012	
Year of record	
1190564	
Facility AQ identifier	

#### 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?
	v 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.	<b>Notes:</b> Please include in the space below any additional information that will help DEP understand your submission.
1.	
1.	
1.	
1.	
1.	
1.	
1.	
1.	
1.	
1.	



Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

2012 Year of record 1190564 Facility AQ identifier

#### F. Hazardous Air Pollutant Emissions



**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.

(?)		HAP	HAP	HAP
Where do you enter TOTAL	HAP name:	ETHYLENE GLYCOL	METHANOL	TOLUENE
HAP emissions?	CAS # for individual HAPs if applicable:	107211	67561	108883
	Actual for previous year eDEP only:	0 Tons	.111 Tons	.07 Tons
	· ·	0.0410	0.1720	0.0350
	Actual for year of record:	Tons	Tons	Tons
	Potential emissions at max	12.8000	12.8	12.8
	capacity uncontrolled:	Tons	Tons	Tons
	Maximum allowed emissions – annual:	18.6000	18.6	18.6 Tons
vide		Tons <b>5000.0000</b>	Tons <b>5000</b>	5000
<b>^</b> ≥	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds
er <b>facility-wide</b> limits only		MONTH	MONTH	MONTH
er fa	Short term period:		_	
?	Basis for max allowed – DEP approval # or regulation:	MBR-95-RES-047	MBR-95-RES-047	MBR-95-RES-047
		НАР	HAP	НАР
	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
<u> </u>	Maximum allowed emissions – annual:	Tons	Tons	Tons
er f <b>acility-wide</b> limits only	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds
er <b>facility</b> — Iimits only	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?  $\square$  yes  $\checkmark$  no

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



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

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#### 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:	.897	
		Tons	_
	b. Actual for year of record:	0.8099	
	·	Tons	_
	c. Potential at max capacity uncontrolled:	53.6000	
	· ·	Tons	_
	d. Max allowed emissions – annual:	18.6	Facility-wide restriction only
		Tons	_
	e. Max allowed emissions – short term:	10600	Facility-wide restriction only
		Pounds	_
	f. Short term period:	MONTH	-
?	g. Basis for max allowed emissions:	MBR-95-RES-047	DEP approval # or regulation



Bureau of Waste Prevention - Air Quality

#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

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





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

A. Equipment Descr	iption
--------------------	--------

1.	Facility identifiers:	
	CLEAN HARBORS OF BRAINTREE INC	
	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	
	a. Facility's choice of emission unit name – edit as needed	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 Appr	ovals? ☑ 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	
6.	Emission unit installation date and decommission of	date:
	6/1/1994	
	a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable
7.	Emission unit replacement:	Complete only if the unit was shutdown permanently or replaced since the last report.
	a. Is this unit replacing another emission unit?	
	✓ no  yes – enter DEP's emission unit nu	mber 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 requi	rements 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-annu	al 🗹 4. Annual 🗹 5. RES
	(include Operating Permit and Plan Approval reports, but not ex	ceedance reporting)
	c. Is this unit subject to (check all that apply):	
	☐ NESHAP ☐ NSPS ☐ MACT	



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

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

#### A. Equipment Description (cont.)

?	9.	Equipment:	. ?	EPA Unit Ty	/pe Code (eDEP	only): FURNACE		
low to report n combined		a. Type:	boiler 🔽	furnace	☐ engine ☐ ot	her:		
nits?	?		_	nergency ge	•	Describe "other"	" equipm	ent type
		LENNOX				SR20Q5-140		
		b. Manufactur	er			c. Model number		
2		0.3070	ating MMRtu/l	nr (must be grea	ater than (1)	1 e Number of burne	rs (enter	"0" if not applicable)
nat to do		a. Max Input it	atting wilvibton	ii (iiidat be giet	ator than of	c. Number of burne	no (cinci	o ii not applicable)
lata known or		f. Type of b	urner – che	eck one:	☐ rotary	mech. atom	izer	steam atomizer
available?					air atomizer	traveling gra	ite	hand fired
					other:	-		
		BECKETT				"other" burner type AFG		
		g. Burner man	ufacturer			h. Burner model nu	mber	
		6/1/1995	llation data /r	~ ~ /dd/, a a a /				
		i. Burner insta	liation date (r	nm/aa/yyyy)				
	10.	Hours of op	eration for	the emission	n unit: a. 🗌 c	heck if continuou	ısly ope	erated – 24 x 7 x 52
<b>2</b>		0			0		0	
		b. Number of I	nours per day		c. Number of days p	er week	d. Nu	mber of weeks per year
		e. Percent	of total ann	ual operation	n that occurs in ea	ach calendar qua	ırter:	
		0	0	0		Sum of Q1+Q2+Q3		st = 100%, erated for any quarter
		Q1	Q2	Q3	Q4		o not opt	rated for any quarter
	11.	Ozone seas	son operati	on schedule	– May 1 through	September 30:		
		0			0		0	
		a. Ozone seas	on hours per	day	b. Ozone season da	ys per week	c. Wee	eks operated in ozone season
	12.	Emission re	elease poin	t – select on	e: ?	gines click here for in	struction	s: <b>?</b>
		Non-Stac	k Release	Points:	F	Physical Stacks:		
		☐ fugitive	e □ h	norizontal ve	nt [	vertical stack		
		☐ engine exh. ☐ downward facing vent ☐ vertical with rain cap/sleeve						sleeve
		vertica	ıl stack/ven	it less than 1	Oft			
	40			t, skip to questi		for a dea Park al		
	13.			ical stack (if CES - LENI	applicable) – pick	trom the list belo	DW:	
					NOス – to change stack nar	ne use STACK form		
					_		Stack for	m <b>before</b> completing to this for



Bureau of Waste Prevention - Air Quality

### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

#### A. Equipment Description (cont.)

2012
Year of record
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Facility AQ identifier

nere a pollution control device  yes – answer a through i  pollution control device 1  ype  anufacturer	no – skip to question 15  Air pollution control device 2  Type	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.  Air pollution control device 3  Type
pollution control device 1	Air pollution control device 2  Type	page of control devices after this form.  Air pollution control device 3
/pe	Туре	
		Туре
		Туре
anufacturer		
	Manufacturer	Manufacturer
odel number	Model number	Model number
acility's ID for this device	Facility's ID for this device	Facility's ID for this device
stallation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
EP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)
EP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
ecommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)
E	cility's ID for this device stallation date (mm/dd/yyyy)  P approval # (most recent)  P approval date (mm/dd/yyyy)  commission date (mm/dd/yyyy)	cility's ID for this device  Facility's ID for this device  Installation date (mm/dd/yyyy)  P approval # (most recent)  DEP approval # (most recent)  DEP approval date (mm/dd/yyyy)

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. 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"



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### A. Equipment Description (cont.)

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

2012
Year of record
64
DEP EU# (old Point #)
1190564
Facility AQ identifier

a monitor?				
		Monitor 1	Monitor 2	Monitor 3
	a. Monitor type:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:
Do not leave blank – if unknown write 'unknown' or estimate	b. Manufacturer: c. Model number:	Describe "other"	Describe "other"	Describe "other"
	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 #:			
Leave f, g, h blank	g. DEP approval date:	( a sold M = = A	(/11/)	(m. m./ d.d./
if not applicable.	h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
	i. Recorder ?	(mm/dd/yyyy) ☐ yes ☐ no	(mm/dd/yyyy) ☐ yes ☐ no	(mm/dd/yyyy) ☐ yes ☐ no
	j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
	k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
	I. 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"	Describe "other"	Describe "other"



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### 2012 Year of record 64 DEP EU# (old Point #) 1190564 Facility AQ identifier

#### **B. Fuels and Emissions**

			FURNACES #1(2)-LENNOX SR 20Q5 #2 OIL	
	1.	Fuel Name / Characteristics:	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).  When to NOT check this box ?	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.	
		When to the following box :		
		a. Source Classification Code (SCC) (see instructions):	10500105 SC Code (call DEP if SC code will not validate) INDUS.SPACE HEAT-DISTILLATE OIL	]
		b. Type of fuel – check one:	SCC Code Description – filled by eDEP  ✓ no.2 □ no.4 □ no.6	
		Note: The option to have eDEP calculate your	☐ diesel ☐ coal ☐ natural gas	
		emissions is not available if your fuel type is "other".	☐ jet fuel ☐ other - describe:	
		c. Sulfur content for oils and coal (0 – 2.2):	Describe "other" fuel .138  Percent by weight	_
Note for e:		d. Ash content for oils and coal (0 -10):	0 Percent by weight	_
Enter the Maximum Fuel Rate at which the unit can burn fuel (its absolute uncontrolled		e. Maximum hourly fuel rate for all firing burners:	O.0022  Amount Units per hour  Enter "0" if unit decommissioned prior to this Year of Record	 I.
design capacity). Do not enter the		f. Do you have fuel or usage restrictions?	yes no - skip to question 2	
normal operation rate nor any restricted		g. DEP approval number for restrictions:	EXEMPT  Most recent for this fuel	_
(allowable) rate.		h. Annual use restriction (amount or hours): For this fuel	19.2720         1000 GALLONS           Quantity         Units	_
		<ul> <li>i. Short term use restriction (amount or hours): For this fuel</li> </ul>	0.00221000 GALLONSQuantityUnits	_
			Per: ☐ month ☐ week ☐ day 🗹 hour	
			CAUTION: check your amount vs.units  0.0000 1000 GALLONS	
	2.	Annual usage:	a. Amount – year of record b. Units	
		Enter "0" if not used in the year of record	0 1000 GALLONS  c. Total annual usage for prior year of record – eDEP only	_



Bureau of Waste Prevention - Air Quality

Emission Unit - Fuel Utilization Equipment

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

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

2012 Year of record 64 DEP EU# (old Point #) 1190564 Facility AQ identifier



	Pollutant:	☐ PM10	☐ PM2.5	□ SO2	□ NO2
	Actual for previous year	0	0	0	0
	eDEP only	Tons	Tons	Tons	Tons
		0	0	0	0
	Actual for year of record:	Tons	Tons	Tons	Tons
	Potential emissions at max	0.0237	0.0059	0.1910	0.1927
	capacity uncontrolled:	Tons	Tons	Tons	Tons
	Emission factor:	2.46	0.6150	143.60	20
	in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
<b>S</b> M	aximum allowed emissions –				1.1
≥ 😈	annual:	Tons	Tons	Tons	Tons
o M	aximum allowed emissions –				.091
For this fuel only S	short term:	Pounds	Pounds	Pounds	Pounds MONTH
š s	hort term period (or MMBtu):				
P P	asis – DEP approval number or regulation:				EXEMPT

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:

other: □ voc Pollutant: □ co ☐ NH3 specify 0 0 0 Actual for previous year Tons Tons Tons Tons eDEP only: 0 Actual for year of record: Tons Tons Tons Tons 0.0482 0.0073 0.0077 Potential emissions at max Tons Tons capacity uncontrolled: Tons Tons 5 0.76 0.80 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions annual: Tons Tons Tons Tons Maximum allowed emissions -Pounds Pounds Pounds short term: Pounds Short term period (or MMBtu): Basis - DEP approval number or regulation:



Bureau of Waste Prevention - Air Quality

#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

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

2012
Year of record
64
DEP EU# (old Point #)
1190564
Facility AQ identifier

,	0	0	
	a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day	
	check to enter your own values	check to enter your own values	

#### C. Notes and Attachments

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

THIS UNIT WAS NOT USED IN CALENDAR YEAR 2012

#### 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 <b>cannot</b> be sent electronically in the notes field above and deliver them to DEP with a paper
copy of this form.



Emission Unit - Fuel Utilization Equipment

2012 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





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

A. Equipment	<b>Description</b>
--------------	--------------------

1.	Facility identifiers:					
	CLEAN HARBORS OF BRAINTREE INC					
	a. Facility name 34839	1190564				
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number				
2.	Emission unit identifiers:					
	CATERPILLAR GENERATOR #1					
	a. Facility's choice of emission unit name – edit as needed 55	55				
	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:					
	MBR-89-COM-31 5/4/1989					
	a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)				
4.	Is this unit exempt under 310 CMR 7.02 Plan Appr	ovals ? 🔲 yes 🗹 no				
5.	If exempt from Plan Approval, indicate reason why	(e.g., cite a specific DEP regulation):				
	Reason for exemption					
6.	Emission unit installation date and decommission of	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				
7.	Emission unit replacement:	replaced since the last report.				
	a. Is this unit replacing another emission unit?					
	✓ no	mber 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 requi	irements 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-annu	al 🗹 4. Annual 🗹 5. RES				
	(include Operating Permit and Plan Approval reports, but not ex	_				
	c. Is this unit subject to (check all that apply):					
	☐ NESHAP ☐ NSPS ☐ MACT					



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

2012
Year of record
55
DEP EU# (old Point #)
1190564
Facility AO identifier

#### A. Equipment Description (cont.)

?	9.	Equipment	t: 🕜	EPA Unit T	ype Code (eDI	EP c	only): RECIPRO	CATIN	G IC ENGINE
ow to report n combined		a. Type:	] boiler [	furnace	✓ engine	oth	ner:		
nits?	9	If engine, i	is this an e	mergency ge	enerator? Dy	es	Describe "othe no	er" equipn	nent type
		CATERPIL	LAR		<del></del> -		 3412DIT		
		b. Manufactu				_	c. Model number		
?		5.3480 d. Max input	rating MMBtu	/hr (must be gre	eater than 0)		e. Number of burn	ners (ente	er "0" if not applicable)
nat to do lata									_
known or available?		r. Type of t	burner – ch	eck one:	☐ rotary	:_~=	mech. aton		steam atomizer
available :						ızer	traveling g	ate	☐ hand fired
					other:		"other" burner typ	е	
		CATERPIL				_	N/A		
		g. Burner ma 6/1/1989	nufacturer				h. Burner model n	umber	
		i. Burner insta	allation date (	(mm/dd/yyyy)		_			
<u> </u>			hours per day of total and 26.7		c. Number of da on that occurs i		er week ach calendar qu Sum of Q1+Q2+0	arter:	umber of weeks per year ust = 100%,
		Q1	Q2	Q3	Q4	_			perated for any quarter
	11.	Ozone sea	ason operat	tion schedul	e – May 1 throu	ugh	September 30:		
		1			1			5	
		a. Ozone sea	ason hours pe	r day	b. Ozone seaso	n day	ys per week	c. We	eks operated in ozone season
	12.	Emission r	elease poir	nt – select o	ne: ?	Eng	ines click here for	instructio	ns: ?
		Non-Sta	ck Release	Points:		P	hysical Stacks:		
			e exh.	horizontal vo downward fa nt less than	acing vent		vertical stack vertical with r		/sleeve
				nt, skip to ques					
	13.			,			from the list be	elow:	
				, ,	CUMMINS AND		NERPILLAR  ne use STACK form	<u> </u>	
		•			-				rm <b>before</b> completing to this for



#### Massachusetts Department of Environmental Protection

Bureau of Waste Prevention - Air Quality

Emission Unit - Fuel Utilization Equipment

#### A. Equipment Description (cont.)

2012 Year of record 55 DEP EU# (old Point #) 1190564

Facility AQ identifier

?	14. Is there a pollution control device	ce on this emissions unit?	Check here if you need to report more than 3 air pollution control devices on
How to delete a control ?	yes – answer a through i	✓ no – skip to question 15	this unit. eDEP will add another page of control devices after this form.
	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
	а. Туре	Туре	Туре
Do not leave blank –	b. Manufacturer	Manufacturer	Manufacturer
if unknown write 'unknown' or	c. Model number	Model number	Model number
estimate	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)
Leave f, g, h	f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)
blank if not applicable.	g. DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
		- · · · · · · · · · · · · · · · · · · ·	

Decommission date (mm/dd/yyyy) h. 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: 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. 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"



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.) 15. Is there monitoring equipment on this unit or its related control devices?

2	2012
Υ	ear of record
5	55
Г	DEP EU# (old Point #)
1	190564
F	acility AQ identifier

a monitor?		umought <u>b</u> no out to	0001101112	
		Monitor 1	Monitor 2	Monitor 3
	a. Monitor type:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:
Do not leave blank – if unknown write 'unknown' or estimate	b. Manufacturer: c. Model number:	Describe "other"	Describe "other"	Describe "other"
	d. Monitor ID #:			
	e. Installation date:	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)
Leave	f. DEP approval #:	(пписатуууу)	(IIIII/dd/yyyy)	(пшиашуууу)
f, g, h blank if not applicable.	g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
	h. Decommission date:  i. Recorder ?	(mm/dd/yyyy)	(mm/dd/yyyy) □ yes □ no	(mm/dd/yyyy)
	j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
(	k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
	I. 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"	Describe "other"	Describe "other"

Describe "other"



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### 2012 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 #
	1.		Fuel name	
_		Number of fuels for this unit (previous records): 1	box if you need to add a not performed by the province of the performance of the performa	
2			DEP Fuel #	
How does eDEF nandle multiple uels?	0	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).	fuel in this unit permanently. You must this year of record even if amount is "0"	still report for – the fuel will
		When to NOT check this box?		
		a. Source Classification Code (SCC)		
		(see instructions):		te)
			SCC Code Description – filled by eDEP	
		b. Type of fuel – check one:	☐ no.2 ☐ no.4 ☐ no.6	
			☑ diesel ☐ coal ☐ natural g	as
		Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".	☐ jet fuel ☐ other - describe:	
			Describe "other" fuel	
		c. Sulfur content for oils and coal $(0 - 2.2)$ :	.0401	
		,	Percent by weight	
		d. Ash content for oils and coal (0 -10):	0	
Note for e: Enter the Maximum Fuel Rate at which the unit can burn fuel (its		e. Maximum hourly fuel rate for all firing burners:	O.0380 1000 GALL Amount Units per ho	our
absolute uncontrolled design		_		
capacity). Do		f. Do you have fuel or usage restrictions?	yes no - skip to question 2	
not enter the normal		g. DEP approval number for restrictions:	MBR-89-COM-31	
operation rate nor any restricted			Most recent for this fuel	
(allowable) rate.		h. Annual use restriction (amount or hours):	<b>300</b> HOUR	
		For this fuel	Quantity Units	
		i. Short term use restriction (amount or hours):	24 HOUR	
		For this fuel	Quantity Units	
			Per: month week day	hour
	2.	Annual usage:		ONS
	۷.	Enter "0" if not used in the year of record		
			c. Total annual usage for prior year of record	- aDEP only



Bureau of Waste Prevention - Air Quality

#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

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

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

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



Part 75 Requirements

□ NO2 Pollutant: ☐ PM10 ☐ PM2.5 ☐ SO2 0.0129 0.0129 0.0036 0.1837 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0061 0.0061 0.0017 0.0861 ctual for year of record: Tons Tons Tons Tons 7.0737 7.0737 6.6077 100.5298 otential emissions at max Tons Tons capacity uncontrolled: Tons Tons 42.50 42.50 39.70 604 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: 3.5 Maximum allowed emissions – Tons annual: Tons Tons Tons For this fuel only Maximum allowed emissions short term: Pounds **Pounds** Pounds Pounds Short term period (or MMBtu): MBR-89-COM-31 MBR-89-COM-31 MBR-89-COM-31 MBR-89-COM-31 Basis - DEP approval number or regulation:

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:

				other:
Pollutant:	□ со	□ voc	□ NH3	specify
Actual for previous year	0.0396	0.0142	0.0129	
eDEP only:	Tons	Tons	Tons	Tons
	0.0185	0.0066	0.0061	
Actual for year of record:	Tons	Tons	Tons	Tons
Potential emissions at max	21.6372	8.2055	0.4827	
capacity uncontrolled:	Tons	Tons	Tons	Tons
Emission factor:	130	49.30	2.90	
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:	MBR-89-COM-31	MBR-89-COM-31	MBR-89-COM-31	

For this fuel only



Bureau of Waste Prevention - Air Quality

#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

R	Fuels and	<b>Emissions</b>	(cont
В.	rueis aiiu		(COLIL.)

2012
Year of record
55
DEP EU# (old Point #)
1190564
Facility AQ identifier

1.0645	13.8869
a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
check to enter your own values	check to enter your own values

#### 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 <b>cannot</b> be sent electronically in the notes field above and deliver them to DEP with a paper
copy of this form.



Emission Unit - Fuel Utilization Equipment

#### 2012 Year of record 50 DEP EU# (old Point #) 1190564

Facility AQ identifier

#### Important: When filling out the use tab mov curs use







A. Equipme	nt Description
------------	----------------

out forms on						
the computer, use only the	1.	Facility identifiers:				
tab key to		CLEAN HARBORS OF BRAINTREE INC				
move your cursor - do not		a. Facility name	4400504			
use the return key.		b. DEP Account number	1190564			
Noy.	0		c. Facility AQ identifier – SSEIS ID number			
tab	2.	Emission unit identifiers:				
		CUMMINS GENERATOR #2 (NT855G2, DIESEL)  a. Facility's choice of emission unit name – edit as needed				
return		50	50			
		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:				
		EXEMPT	5/4/1989			
		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):				
	٥.	BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15				
		Reason for exemption				
How to delete	) G					
a unit? (click ?-icon)	0.	Emission unit installation date and decommission date:				
(GHOR : 10011)		8/1/1999 a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable			
6	7	Emission unit replacement:	Complete only if the unit was shutdown permanently or			
	<b>)</b> ' ·	a. Is this unit replacement: replaced since the last report.				
		· -				
		✓ no  yes – enter DEP's emission unit nun	nber and name for the unit being replaced below:			
		L DEDit and the state of the st				
		b. DEP's emission unit number and facility unit name				
	8.	Additional state reporting requirements:				
		a. Are there other routine air quality reporting require	ements 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-annua	I ☐ 4. Annual 🗸 5. RES			
		(include Operating Permit and Plan Approval reports, but not exce	<del>-</del> -			
		c. Is this unit subject to (check all that apply):				
		☐ NESHAP ☐ NSPS ☐ MACT				



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

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

#### A. Equipment Description (cont.)

	9.	Equipment:	EP/	A Unit Ty	ype Code (eDEF	only): KECI	FROCATIN	G IC ENGINE
How to report on combined		a. Type: D	oiler □ fu	rnace [	✓ engine □ o	other:		
units ?		If engine, is th	<del></del>	-		Describe	e "other" equipn	nent type
	(1)	,	iis an emerg	jericy ge	nerator: yes	s 🗹 no		
		b. Manufacturer				125-DGE c. Model nu		
		1.6880				c. Model nu	mber	
What to do		d. Max input ratin	g MMBtu/hr (m	ust be grea	ater than 0)	e. Number	of burners (ente	er "0" if not applicable)
f data unknown or		f. Type of burn	ner – check	one:	☐ rotary	mech.	atomizer	steam atomizer
not available?					air atomize	er 🗌 traveli	ng grate	hand fired
					other:			
					_	"other" burn	er type	
		g. Burner manufa	cturer			h. Burner m	odel number	
		i. Burner installati	on date (mm/c	id/vvvv)				
		Dunior motamati		, , , , , , ,				
<b>?</b>	10.	Hours of operation 1  b. Number of hour		emissio	n unit: a. $\square$ 1 c. Number of days		10	erated – 24 x 7 x 52
					·			umber of weeks per year
				•	n that occurs in		•	
			22.2 <sub>Q2</sub>	40.7 Q3	$-\frac{7.5}{Q4}$		-Q2+Q3+Q4 m unit was not or	ust = 100%, perated for any quarter
		Q1 C	×∠		Q4		•	
	4.4	0		ء ااہ مام <u>.</u>	Moss 4 theresis	h Cantamba	<b>-</b> 20.	
	11.	Ozone seasor	n operation s	schedule	e – May 1 throug	h Septembe		
	11.	1			1	·	5	seks operated in ozone season
	11.	Ozone season  a. Ozone season			e – May 1 throug  1 b. Ozone season o	·	5	eeks operated in ozone season
		1 a. Ozone season	hours per day		1 b. Ozone season o	days per week	<u>5</u> c. We	
		a. Ozone season  Emission relea	hours per day ase point – s	select on	1 b. Ozone season o	days per week	5 c. We	
		1 a. Ozone season  Emission relea	hours per day ase point – s	select on	b. Ozone season o	days per week  Ingines click he  Physical Sta	5 c. We re for instruction acks:	
		1 a. Ozone season  Emission relea  Non-Stack F	hours per day  ase point – s  Release Poir	select on nts: zontal ve	b. Ozone season o	days per week  Ingines click he  Physical Sta	5 c. We re for instruction acks:	ns: ?
		1 a. Ozone season  Emission relea  Non-Stack F  fugitive engine ex	hours per day  ase point – s  Release Poir	select on nts: zontal ve	b. Ozone season of	days per week  Ingines click he  Physical Sta	5 c. We re for instruction acks:	ns: ?
		1 a. Ozone season  Emission relea  Non-Stack F  fugitive engine ex	hours per day  ase point – s  Release Poir  horiz  xh. downtack/vent les	select on nts: zontal ve nward fa ss than 1	b. Ozone season of the control of th	days per week  Ingines click he  Physical Sta	5 c. We re for instruction acks:	ns: ?
	12.	1 a. Ozone season  Emission relea  Non-Stack F  fugitive engine experies of the control of the c	hours per day  ase point – s  Release Poir	select on nts: zontal ve nward fa ss than 1	b. Ozone season of the control of th	days per week  Ingines click he  Physical Sta	e for instruction  acks:  stack  with rain cap	ns: ?
	12.	1 a. Ozone season  Emission relea  Non-Stack F  fugitive engine experied solution  If Non-Stack re Link this unit to	ase point – s Release Poir horiz xh. downtack/vent les elease point, ski o a physical GENERATO	select on nts: zontal ve nward fa ss than 1 ip to questi stack (if PR (2)- C	b. Ozone season of the cing vent loft ion 14.	engines click he  Physical State  vertical state  vertical state  ck from the lice	te for instruction acks: stack with rain cap	ns: ?



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

## A. Equipment Description (cont.)

2012
Year of record
50
DEP EU# (old Point #)
1190564

Facility AQ identifier

	=qanpiniont = cooniput	<b>511</b> ( <b>55</b> 1141)		
?	14. Is there a pollution control devic	Check here if you need to report more than 3 air pollution control devices on		
How to <b>delete</b> a control ?	yes – answer a through i	✓ no – skip to question 15	this unit. eDEP will add another page of control devices after this form.	
	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3	
	a. Type	Туре	Туре	
Do not leave blank –	b. Manufacturer	Manufacturer	Manufacturer	
if unknown write 'unknown' or	c. Model number	Model number	Model number	
estimate	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)	
Leave f, g, h	f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)	
blank if not applicable.	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)	
PM 10	<del>L</del>	ter for all pollutants that the device	e was designed to control:	
	% 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.	
V/OC				

eff.
eff.
No.
Other"



Bureau of Waste Prevention - Air Quality

#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

#### A. Equipment Description (cont.)

Year of record

50

DEP EU# (old Point #)

1190564

Facility AQ identifier

2012

15.	is there	monitoring	g equipmen	t on this	s unit or	its i	elated	CONTROL	aev

How to delete a monitor?	o delete  yes – answer a through I  no – skip to section B						
		Monitor 1	Monitor 2	Monitor 3			
	a. Monitor type:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:			
Do not leave blank – if unknown write 'unknown' or estimate	b. Manufacturer: c. Model number:	Describe "other"	Describe "other"	Describe "other"			
	d. Monitor ID #:  e. Installation date:	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)			
Leave f, g, h blank if not applicable.	f. DEP approval #:  g. DEP approval date:  h. Decommission date:  i. Recorder ?	(mm/dd/yyyy)  (mm/dd/yyyy)  yes  no	(mm/dd/yyyy)  (mm/dd/yyyy)  yes  no	(mm/dd/yyyy)  (mm/dd/yyyy)  yes no			
	j. Audible alarm ?	□ yes □ no	yes no	☐ yes ☐ no			
	k. Data system ?  I. Monitored pollutants (check all that apply):	yes   no  PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:					

Describe "other"

Describe "other"

Describe "other"



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### 2012 Year of record 50 DEP EU# (old Point #) 1190564 Facility AQ identifier

#### **B. Fuels and Emissions**

			GENERATOR #2-CUMI	MINS #NT855G2- #2 OI	
	1.	Fuel Name / Characteristics:	Fuel name		
_		Number of fuels for this unit (previous records): 1	1		
2			DEP Fuel #		
How does eDEP nandle multiple uels?		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 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.		
		When to NOT check this box?			
		a. Source Classification Code (SCC)	20200102		
		(see instructions):	SC Code (call DEP if SC code IC ENGINE- RECIP- DII		
			SCC Code Description – filled		
		b. Type of fuel – check one:		_	
		••	☐ no.2 ☐ no.4	☐ no.6	
			✓ diesel	natural gas	
		Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".	☐ jet fuel ☐ other - d	-	
		, ,	_ <b>,</b> _		
			Describe "other" fuel		
		c. Sulfur content for oils and coal $(0 - 2.2)$ :	.138		
			Percent by weight		
Note for a		d. Ash content for oils and coal (0 -10):	Percent by weight		
Note for e: Enter the			reicent by weight		
Maximum					
Fuel Rate at which the		e. Maximum hourly fuel rate for all firing burners:	0.0120	1000 GALLONS	
unit can burn			Amount	Units per hour	
fuel (its absolute			Enter "0" if unit decommissione	ed prior to this Year of Record.	
uncontrolled					
design capacity). Do		f. Do you have fuel or usage restrictions?	✓ yes		
not enter the		g. DEP approval number for restrictions:	EXEMPT 7.02		
normal operation		g. 22. approva nambol for reculousing.	Most recent for this fuel		
rate nor any restricted					
(allowable)					
rate.		h. Annual use restriction (amount or hours):  For this fuel	300	HOUR	
		i. Short term use restriction (amount or hours):	Quantity <b>24</b>	Units DAY	
		For this fuel	Quantity	Units	
			Per: month week	<b>☑</b> day ☐ hour	
			CALITION, about your arrays	va unito	
			CAUTION: check your amount <b>0.1620</b>	1000 GALLONS	
	2.	Annual usage:	a. Amount – year of record	b. Units	
		Enter "0" if not used in the year of record		ALLONS	
			c. Total annual usage for prior	year of record – eDEP only	



Bureau of Waste Prevention – Air Quality

#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

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

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

2012
Year of record
50
DEP EU# (old Point #)
1190564

Facility AQ identifier



	Pollutant:	☐ PM10	☐ PM2.5	□ SO2	□ NO2
	Actual for previous year eDEP only:	0.0026 Tons	0.0026 Tons	0.0007 Tons	0.0362 Tons
	Actual for year of record:	0.0034	0.0034	0.0010	0.0489
		Tons	Tons	Tons	Tons
	Potential emissions at max capacity uncontrolled:	2.2338	2.2338	2.0866	31.7462
		Tons	Tons	Tons	Tons
	Emission factor:	42.50	42.50	39.70	604
		1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
	Maximum allowed emissions –			-	=
늗	annual:	Tons	Tons	Tons	Tons
fuel only	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
For this	Short term period (or MMBtu):				
Fo	Basis – DEP approval number or regulation:	EXEMPT	EXEMPT	EXEMPT	EXEMPT

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:

other: Pollutant: □ co □ VOC ☐ NH3 specify 0.0028 0.0078 0.0026 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0105 0.0038 0.0034 Actual for year of record: Tons Tons Tons Tons 6.8328 2.5912 0.1524 Potential emissions at max Tons Tons capacity uncontrolled: Tons Tons 130 49.30 2.90 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions annual: Tons Tons Tons Tons Maximum allowed emissions -Pounds Pounds Pounds short term: **Pounds** Short term period (or MMBtu): **EXEMPT EXEMPT** Basis - DEP approval number or regulation:

For this fuel only



Bureau of Waste Prevention - Air Quality

#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

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

2012
Year of record
50
DEP EU# (old Point #)
1190564
Facility AQ identifier

0.8414	10.8269	
a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day	
check to enter your own values	check to enter your own values	

#### C. Notes and Attachments

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

2.	Atta	chm	ents:
----	------	-----	-------

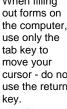
Check here to submit attachments to this form (e.g., calculations) - add a note in the field above
indicating what is attached. For eDEP on-line filers, this will create a new step on your Current
Submittal Page where you can attach electronic files to your submittal. Please list attachments
that <b>cannot</b> 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

# 2012 Year of record DEP EU# (old Point #)

### ln W οι the us ta m CU







			1190564	
	En	nission Unit – Fuel Utilization Equipment	Facility AQ identifier	
Important: When filling	A.	<b>Equipment Description</b>		
out forms on the computer, use only the				
	1.	Facility identifiers:		
tab key to		CLEAN HARBORS OF BRAINTREE INC		
move your cursor - do not		a. Facility name	4400504	
use the return key.		b. DEP Account number	1190564 c. Facility AQ identifier – SSEIS ID number	
	_		o. Facility / Q facilities - Gozie 15 Hamber	
tab	2.	Emission unit identifiers: (1)		
		a. Facility's choice of emission unit name – edit as needed	(85)	
return		3	3	
		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:		
		MBR-86-COM-027	9/11/1986	
		a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)	
	4.	Is this unit exempt under 310 CMR 7.02 Plan Appro	ovals? ☐ yes 🗹 no	
	_	If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):		
	5.	(e.g., cite a specific DEP regulation):		
Howto		Reason for exemption		
How to delete	6.	Emission unit installation date and decommission date	ate:	
a unit? (click ?-icon)		9/1/1986		
		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable	
<b>2</b>	7.	Emission unit replacement:	Complete only if the unit was shutdown permanently or replaced since the last report.	
		a. Is this unit replacing another emission unit?		
		no yes – enter DEP's emission unit nun	nber 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 requir	ements 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-annua		
		(include Operating Permit and Plan Approval reports, but not exc	eedance reporting)	
		c. Is this unit subject to (check all that apply):		
		✓ NESHAP ☐ NSPS ☐ MACT		



Bureau of Waste Prevention - Air Quality

# BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

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

### A. Equipment Description (cont.)

?	9.	Equipmen	nt: 🕐	EPA Unit Ty	pe Code (eDEF	only): <b>BOILER</b>		
How to report on combined		a. Type: [	<b>✓</b> boiler □	furnace	engine 🔲	other:		
units?	?	If engine,	is this an em	nergency ge	nerator? ye	Describe "oth no	er" equipn	nent type
		CLEAVER	R BROOKS			CB800-150		
		b. Manufact 2.80	urer			c. Model number	•	
?			rating MMBtu/h	nr (must be gre	ater than 0)		ners (ente	er "0" if not applicable)
vynat to do f data unknown or		f. Type of	burner – che	eck one:	☐ rotary	l <b>☑</b> mech. atol	mizer	steam atomizer
not available?					air atomiz	er   traveling g	rate	☐ hand fired
					other:			
		CL BROC	KS			"other" burner typ CB800-150-1		
		g. Burner ma				h. Burner model i		
		9/1/1986 i. Burner inst	tallation date (n	nm/dd/yyyy)				
			,	,,,,,				
					. –			
	10.	_	operation for	the emissio		check if continue		erated – 24 x 7 x 52
		5 b. Number o	of hours per day		c. Number of days	per week	8 d. Nu	umber of weeks per year
				ual operatio	·	each calendar q		
		100.0	0	0.0	0.0	Sum of Q1+Q2+		ust = 100%
		Q1	Q2	Q3	Q4			perated for any quarter
	11	Ozone se	ason operati	on schedule	- May 1 throug	h September 30	•	
		0			0		0	
		a. Ozone se	ason hours per	day	b. Ozone season	days per week	c. We	eeks operated in ozone season
	12	Emission	release poin	t – select or	ie: 🛜 🛚 🖪	Engines click here for	instruction	ns: 🛜
		Non-Sta	ack Release	Points:		Physical Stacks	·	
		☐ fugiti		norizontal ve	ent	vertical stack		
		engir	ne exh. 🔲 d	lownward fa	cing vent	vertical with		/sleeve
		☐ vertic	cal stack/ven	t less than 1	Oft			
	40		nck release poin			alefrana tha liat h	مامس	
	13			•	applicable) – pl ER BROOKS, N	ck from the list b	CIUW.	
						ame use STACK for	m	
		If the stack f	or this unit is no	t listed, save a	nd exit this form nov	v and complete a nev	w Stack fo	rm before completing to this form



### Massachusetts Department of Environmental Protection

Bureau of Waste Prevention - Air Quality

Emission Unit - Fuel Utilization Equipment

# A. Equipment Description (cont.)

2012
Year of record
3
DEP EU# (old Point #)
1190564

Facility AQ identifier

			,	
How to delete a control ?	14	. Is there a pollution control devi	Check here if you need to report more than 3 air pollution control devices on	
		yes – answer a through i	✓ no – skip to question 15	this unit. eDEP will add another page of control devices after this form.
		Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
(		a. Type		 Type
_			- Type	туре
Do not leave blank – if unknown write 'unknown' or estimate		b. Manufacturer	Manufacturer	Manufacturer
		c. Model number	Model number	Model number
	9	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device
	<u>₩</u>	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
Leave f, g, h		f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)
blank if not applicable.		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: 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. 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"



Bureau of Waste Prevention - Air Quality

# BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

### A. Equipment Description (cont.)

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

2012

2	15. Is there <b>monitoring equipment</b> on this unit or its related control devices?
ow to <b>delete</b>	□ vas – answer a through I ✓ no – skin to section B

How to <b>delete</b> a monitor?	☐ yes – answer a	through I  ✓ no – skip to	section B	
		Monitor 1	Monitor 2	Monitor 3
	a. Monitor type:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:
Do not leave blank – if unknown write 'unknown' or estimate	b. Manufacturer: c. Model number:	Describe "other"	Describe "other"	Describe "other"
	d. Monitor ID #:  e. Installation date:  f. DEP approval #:	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)
Leave f, g, h blank if not applicable.	g. DEP approval date: h. Decommission date: i. Recorder ? j. Audible alarm ? k. Data system ?	(mm/dd/yyyy)  (mm/dd/yyyy)  ☐ yes ☐ no  ☐ yes ☐ no  ☐ yes ☐ no	(mm/dd/yyyy)  (mm/dd/yyyy)  ☐ yes ☐ no  ☐ yes ☐ no  ☐ yes ☐ no	(mm/dd/yyyy)  (mm/dd/yyyy)  yes no  yes no
	I. 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"

Describe "other"

Describe "other"



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

# **BWP AQ AP-1**

Emission Unit – Fuel Utilization Equipment

### 2012 Year of record DEP EU# (old Point #) 1190564 Facility AQ identifier

### **B. Fuels and Emissions**

		<b>5</b> 111 (0) (1)	BOILER #1-CLEAVER BROOKS #2 OIL-0.3 PE		
	1.	Fuel Name / Characteristics:	Fuel name		
		Number of fuels for this unit (previous records): 1	1		
2			DEP Fuel #		
How does eDEP nandle multiple uels?	0	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).	fuel in this unit permanent	ox if you stopped using this tly. You must still report for amount is "0" – the fuel will in the port report evelo	
		? When to NOT check this box ?	be removed from the drift	in the next report cycle.	
		a. Source Classification Code (SCC)	10200501		
		(see instructions):	SC Code (call DEP if SC code DIST.OIL- GRADE NO.1	•	
			SCC Code Description – filled	by eDEP	
		b. Type of fuel – check one:	<b>☑</b> no.2	☐ no.6	
			☐ diesel ☐ coal [	natural gas	
		Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".	☐ jet fuel ☐ other - de	escribe:	
			Describe "other" fuel		
		c. Sulfur content for oils and coal (0 – 2.2):	.138 Percent by weight		
Note for e:		d. Ash content for oils and coal (0 -10):	Percent by weight	-	
Enter the Maximum Fuel Rate at which the unit can burn fuel (its absolute uncontrolled		e. Maximum hourly fuel rate for all firing burners:	O.02 Amount Enter "0" if unit decommissione	1000 GALLONS  Units per hour d prior to this Year of Record.	
design capacity). Do		f. Do you have fuel or usage restrictions?	yes no - skip to o	question 2	
not enter the normal		g. DEP approval number for restrictions:	MBR-95-RES-047		
operation rate nor any restricted			Most recent for this fuel		
(allowable) rate.		h. Annual use restriction (amount or hours):	376680	GALLONS	
		For this fuel	Quantity <b>31390</b>	Units GALLONS	
		<ul> <li>Short term use restriction (amount or hours):</li> <li>For this fuel</li> </ul>	Quantity	Units	
			Per: month week	aay hour	
			CAUTION: check your amount v	vs.units	
	2	Appual usage:	0.4000	1000 GALLONS	
	۷.	Annual usage:	a. Amount – year of record	b. Units	
		Enter "0" if not used in the year of record		GALLONS	
			c. Total annual usage for prior	year of record – eDEP only	



Bureau of Waste Prevention – Air Quality

# BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

# B. Fuels and Emissions (cont.)

Total emissions for this fuel only in tons per year:

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



☐ NO2 Pollutant: ☐ PM10 ☐ PM2.5 ☐ SO2 0.0092 0.0038 0.1970 0.0925 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0004 0.0002 0.0085 0.0040 ctual for year of record: Tons Tons Tons Tons 0.1883 0.0471 4.5202 3.6907 otential emissions at max Tons capacity uncontrolled: Tons Tons Tons 0.25 142 24 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions – annual: Tons Tons Tons Tons For this fuel only Maximum allowed emissions short term: **Pounds Pounds** Pounds Pounds Short term period (or MMBtu): MBR-86-COM-027 MBR-86-COM-027 MBR-86-COM-027 MBR-86-COM-027 Basis - DEP approval number or regulation:

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:

other: Pollutant: □ VOC ☐ NH3 □ co specify 0.0231 0.0016 0.0037 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0010 0.0001 0.0002 Actual for year of record: Tons Tons Tons Tons 0.9417 0.0377 0.1507 Potential emissions at max Tons capacity uncontrolled: Tons Tons Tons 5 0.20 0.80 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions -Tons Tons Tons Tons annual: For this fuel only Maximum allowed emissions short term: **Pounds Pounds** Pounds Pounds Short term period (or MMBtu): MBR-86-COM-027 MBR-86-COM-027 Basis - DEP approval number or regulation:



Bureau of Waste Prevention - Air Quality

# BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

В.	Fuels and	<b>Emissions</b>	(cont )
D.	i ucis allu		(COLIL.)

2012
Year of record
3
DEP EU# (old Point #)
1190564
Facility AQ identifier

0	0
a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
check to enter your own values	check to enter your own values

### 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 <b>cannot</b> 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

2012 Year of record DEP EU# (old Point #) 1190564

### Impo Wher out fo the co use o tab ke move use th







	⊨n	nission Unit – Fuel Utilization Equipment	Facility AQ identifier
Important: When filling out forms on	Α.	Equipment Description	
the computer, use only the	1.	Facility identifiers:	
tab key to move your		CLEAN HARBORS OF BRAINTREE INC	
cursor - do not		a. Facility name 34839	1190564
use the return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
tab	2.	Emission unit identifiers:	
		HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL C	DIL-0.3 S
return		a. Facility's choice of emission unit name – edit as needed	2
		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 Approx	vals? ☑ 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	
How to delete	_	Reason for exemption	
a unit? (click ?-icon)	6.	Emission unit installation date and decommission da 5/1/2003	ate:
(**************************************		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable
<b>?</b>	7.	Emission unit replacement:	Complete only if the unit was shutdown permanently or replaced since the last report.
		a. Is this unit replacing another emission unit?	
		✓ no yes – enter DEP's emission unit num	nber 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 require	ements 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-annua	I 🗹 4. Annual 🗹 5. RES
		(include Operating Permit and Plan Approval reports, but not exce	eedance reporting)
		c. Is this unit subject to (check all that apply):	
		✓ NESHAP ☐ NSPS ☐ MACT	



Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

# 2012 Year of record 2 DEP EU# (old Point #) 1190564 Facility AQ identifier

### A. Equipment Description (cont.)

?	9.	Equipme	nt:	? E	PA Unit T	ype Code	(eDEP o	only): BOILER		
low to report n combined nits ?		a. Type:	✓ boile	ır 🖂	furnace	engine	e 🗆 oth	ner:		
	9		_			enerator?		Describe "oth	er" equipr	ment type
	<b>E</b>	,	,		. 9007 9			4VT-50BHP		
		HURST b. Manufac	turer					c. Model number		
		2.0910						1		
t to do		d. Max inpu	t rating MI	MBtu/hr (	(must be gre	eater than 0)	2	e. Number of bur	ners (ente	er "0" if not applicable)
a lown or		f. Type of	f burner	– chec	k one:	☐ rota	ary	✓ mech. ator	mizer	steam atomizer
vailable ?						☐ air :	atomizer	☐ traveling g	rate	☐ hand fired
						oth	er:			
		LUIDOT				· <del></del>		"other" burner typ	е	
		HURST						h. Burner model r		
		g. Burner m 5/1/2003	anuiaciui	31				n. burner moderr	lumber	
		i. Burner ins	stallation d	ate (mm	ı/dd/yyyy)					
•			nt of tota	•	-	on that occ	r of days pe curs in ea	ıch calendar qı	uarter:	umber of weeks per year
		94.3 Q1	$\frac{0.0}{Q2}$		0.0 Q3	$\frac{5.7}{Q4}$		Sum of Q1+Q2+0 or 0% if the unit v		ust = 100%, perated for any quarter
	44			orotion			through			
	11.		ason op	eralior	Scriedui	_	inrougn	September 30:	_	
		0 a. Ozone se	ason hou	re ner de		b Ozone	season day	ys per week	0	eeks operated in ozone seasor
	12.	Emission	release ack Rele	<u> </u>		ne: ?		nines click here for		ns: ?
			ne exh.	do do	rizontal vo wnward fa less than	acing vent		vertical stack vertical with	(	)/sleeve
	40				skip to ques					
	13.				`	• •	<i>'</i>	from the list be	eiow:	
						NO. 2 FUE		ne use STACK forr	n	
						_				orm <b>before</b> completing to this for



a control?

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

Leave f, g, h blank if not \_

applicable.

### **Massachusetts Department of Environmental Protection**

Bureau of Waste Prevention - Air Quality

# BWP AQ AP-1

h. Decommission date (mm/dd/yyyy)

Emission Unit - Fuel Utilization Equipment

# A. Equipment Description (cont.)

Year of record

DEP EU# (old Point #)

1190564

Facility AQ identifier

Decommission date (mm/dd/yyyy)

14.	. Is there a pollution control devi	ce on this emissions unit?	Check here if you need to report more than 3 air pollution control devices on
	yes – answer a through i	✓ no – skip to question 15	this unit. eDEP will add another page of control devices after this form.
	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
	a. Type	Туре	Туре
	b. Manufacturer	Manufacturer	Manufacturer
	c. Model number	Model number	Model number
<u> </u>	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device
<u>(</u>	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)

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. 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"



Bureau of Waste Prevention - Air Quality

# BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

### A. Equipment Description (cont.)

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

2012

?
How to delete
a manitar?

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

How to <b>delete</b> a monitor?	yes – answer a t	hrough I	ection B	
		Monitor 1	Monitor 2	Monitor 3
Do not	a. Monitor type:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:	check only one:  CEM Opacity other - describe:
leave blank – if unknown write 'unknown' or estimate	b. Manufacturer: c. Model number:	Describe "other"	Describe "other"	Describe "other"
	d. Monitor ID #:			
	e. Installation date:	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)
Leave f, g, h blank	f. DEP approval #: g. DEP approval date:			
if not applicable.	h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
	i. Recorder ?	(mm/dd/yyyy) ☐ yes ☐ no	(mm/dd/yyyy) yes no	(mm/dd/yyyy) □ yes □ no
	j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
	k. Data system ?  I. Monitored pollutants (check all that apply):	yes   no  PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	yes no  PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	yes
		Describe "other"	Describe "other"	Describe "other"



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

# **BWP AQ AP-1**

Emission Unit – Fuel Utilization Equipment

### 2012 Year of record DEP EU# (old Point #) 1190564 Facility AQ identifier

### **B. Fuels and Emissions**

			BOILER #2-HURST #30 - #2 OIL-0.3 SULFU
	1.	Fuel Name / Characteristics:	Fuel name
		Number of fuels for this unit (previous records): 1	1 DEP Fuel #
low does eDEF andle multiple uels?		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 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.
		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
		b. Type of fuel – check one:	SCC Code Description – filled by eDEP  ✓ no.2 □ no.4 □ no.6
		Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".	☐ diesel ☐ coal ☐ natural gas ☐ jet fuel ☐ other - describe:
		c. Sulfur content for oils and coal (0 – 2.2):	Describe "other" fuel .138 Percent by weight
		d. Ash content for oils and coal (0 -10):	0.0
Note for e: Enter the Maximum Fuel Rate at which the unit can burn fuel (its absolute uncontrolled		e. Maximum hourly fuel rate for all firing burners:	Percent by weight  0.0155  Amount  Enter "0" if unit decommissioned prior to this Year of Record.
design capacity). Do		f. Do you have fuel or usage restrictions?	yes no - skip to question 2
not enter the normal operation rate nor any		g. DEP approval number for restrictions:	EXEMPT Most recent for this fuel
restricted (allowable) rate.		h. Annual use restriction (amount or hours): For this fuel	91980.0000         GALLONS           Quantity         Units
		<ul> <li>i. Short term use restriction (amount or hours): For this fuel</li> </ul>	9271.0000 GALLONS Units
			Per: month week day hour  CAUTION: check your amount vs.units  10.0890 1000 GALLONS
	2.	Annual usage:	a. Amount – year of record b. Units
		Enter "0" if not used in the year of record	9.544 1000 GALLONS  c. Total annual usage for prior year of record – eDEP only



Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

# B. Fuels and Emissions (cont.)

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

Year of record

DEP EU# (old Point #)

1190564

Facility AQ identifier



Pollutant:	☐ PM10	☐ PM2.5	□ SO2	□ NO2
Actual for previous year	0.0095	0.0040	0.2033	0.0954
eDEP only	Tons	Tons	Tons	Tons
	0.0101	0.01	0.23	0.24
Actual for year of record:	Tons	Tons	Tons	Tons
Potential emissions at max	0.4820	0.0120	0.9441	1.5630
capacity uncontrolled:	Tons	Tons	Tons	Tons
Emission factor:	1.000000	0.25	142	24
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:  Short term period (or MMBtu):	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	EXEMPT	EXEMPT	EXEMPT	EXEMPT

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:

### other: Pollutant: □ co □ VOC ☐ NH3 specify 0.0016 0.0038 0.0239 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0252 0.0017 0.0040 Actual for year of record: Tons Tons Tons Tons 0.2409 0.0096 0.0385 Potential emissions at max Tons Tons capacity uncontrolled: Tons Tons 5 0.20 0.80 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions annual: Tons Tons Tons Tons For this fuel only Maximum allowed emissions -Pounds Pounds Pounds short term: **Pounds** Short term period (or MMBtu): **EXEMPT EXEMPT** Basis - DEP approval number or regulation:



Bureau of Waste Prevention - Air Quality

# BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

R	Fuels and	<b>Emissions</b>	(cont
В.	rueis aiiu		(COLIL.)

2012
Year of record
2
DEP EU# (old Point #)
1190564
Facility AQ identifier

т.	Ozone season emissions – May 1 through Se	pterriber 50.
	0	0
	a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
	check to enter your own values	check to enter your own values

### 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 <b>cannot</b> be sent electronically in the notes field above and deliver them to DEP with a paper
copy of this form.

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-2**

Emission Unit - Process Description

2012 Year of record 5 DEP EU# (old Point #) 1190564

Facility AQ identifier

Important: 0 th ta m CI

# A. Emission Unit - Process Description

vnen filling out forms on		p	
ne computer, ise only the	1.	Facility identifiers:	
ab key to		CLEAN HARBORS OF BRAINTREE INC	
nove your		a. Facility name	
ursor - do not se the return		34839	1190564
ey.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
tab			
<b>1</b>	2.	Emission unit identifiers: (?)	
return		2 DRUM CRUSHING LINES	
		a. Facility's choice of emission unit name – edit as needed	
		5	5
		b. Facility's emission unit number / code – edit as needed	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	1/13/1988
		a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)
	<ol> <li>4.</li> <li>5.</li> </ol>	Is this unit exempt under 310 CMR 7.02 Plan Appro	
		Reason for exemption	
	6.	Equipment manufacturer and model number and type	oe:
		GREENBECK	18 SWB
low to report		a. Manufacturer	b. Model number
n combined nits?		DRUM CRUSHER	
		c. Equipment Type	
?		d. EPA Unit Type Code : CRUSHER	
low to	,		
	7.	Emission unit installation and decommission dates:	
	7	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.

Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-2**

Emission Unit – Process Description

2012
Year of record
5
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 fac	cility unit name				
9.	Additional state reporting rec	quirements:				
	a. Are there other routine air	quality reporting requ	uirements for this	emissions unit?		
	yes – specify reporting free     yes − specify reporting free     yes – specify reporting	equency below	☐ no – skip t	to question 9c		
	b. Reporting frequency – che	eck all that apply:				
	☐ Monthly ☐ Quarterly	☐ Semi-annual 🔽	Annual 🗹 RES	3		
	(include Operating Permit and Plan	n Approval reports, but not	exceedance reporting	g)		
	c. Is this unit subject to (che					
	☐ NESHAP ☐ NSPS	☐ MACT				
10.	Hours of operation for the en	nission unit: a. [	check if continue	ously operated – 24 x 7 x 52		
	Hours of operation for the en	0	_	ously operated – 24 x 7 x 52		
<u>a</u>		mission unit: a.   0 c. Number of day	_	ously operated – 24 x 7 x 52  Output  d. Number of weeks per year		
?	0	c. Number of days	s per week	d. Number of weeks per year		
?	b. Number of hours per day e. Percent of total annual ope  0 0 0	c. Number of days	rs per week  n each calendar qu  Sum of Q1+Q2+0	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%		
?	b. Number of hours per day  e. Percent of total annual ope  or 0 Q1 Q2 Q3	c. Number of days eration that occurs in  0 Q4	s per week n each calendar qu Sum of Q1+Q2+( (or 0% if the unit	d. Number of weeks per year		
11.	b. Number of hours per day  e. Percent of total annual ope  o	eration that occurs in  O Q4  Alay 1 through Septem	s per week n each calendar qu Sum of Q1+Q2+( (or 0% if the unit	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)		
11.	b. Number of hours per day  e. Percent of total annual ope  or 0 Q1 Q2 Q3	c. Number of days eration that occurs in  0 Q4	s per week n each calendar qu Sum of Q1+Q2+ (or 0% if the unit nber 30:	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%		
11.	b. Number of hours per day  e. Percent of total annual ope  o 0 0 Q2 0 Q3  Ozone season schedule – M  o	eration that occurs in  O Q4  lay 1 through Septem	s per week n each calendar qu Sum of Q1+Q2+ (or 0% if the unit nber 30:	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)		
11.	b. Number of hours per day  e. Percent of total annual ope  0 0 0 Q1 Q2 Q3  Ozone season schedule – M  0 a. Ozone season hours per day	eration that occurs in  O Q4  lay 1 through Septem  D D D D D D D D D D D D D D D D D D	s per week n each calendar qu Sum of Q1+Q2+ (or 0% if the unit nber 30:	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)		
11.	b. Number of hours per day  e. Percent of total annual ope  0 0 0 0  Q1 Q2 Q3  Ozone season schedule – M  0 a. Ozone season hours per day  Emission release point – sele	eration that occurs in  O Q4  lay 1 through Septem  D D D D D D D D D D D D D D D D D D	s per week n each calendar qu Sum of Q1+Q2+0 (or 0% if the unit nber 30: days per week	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)  0  c. Weeks operated in ozone season		
11.	b. Number of hours per day  e. Percent of total annual ope  o Q1 Q2 Q3  Ozone season schedule – M  o Q2  Emission release point – sele	eration that occurs in  O Q4  lay 1 through Septem  O b. Ozone season of ect one:	s per week n each calendar qu Sum of Q1+Q2+ (or 0% if the unit nber 30: days per week  Physical Stacks	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)   O  c. Weeks operated in ozone season		
11.	b. Number of hours per day  e. Percent of total annual ope  0 0 0 0 Q1 Q2 Q3  Ozone season schedule – M  0 a. Ozone season hours per day  Emission release point – sele  Non-Stack Release Points:  fugitive horizon gooseneck downward downward downward downward gooseneck downward downward downward downward downward downward	eration that occurs in  O Q4  lay 1 through Septem  O b. Ozone season of ect one:  ital vent ard facing vent	s per week n each calendar qu Sum of Q1+Q2+ (or 0% if the unit nber 30: days per week  Physical Stacks	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)   O  c. Weeks operated in ozone season		
11.	b. Number of hours per day  e. Percent of total annual ope  o	eration that occurs in  O Q4  lay 1 through Septem O b. Ozone season of ect one:  ital vent ard facing vent than 10ft	s per week n each calendar qu Sum of Q1+Q2+ (or 0% if the unit nber 30: days per week  Physical Stacks	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)  O c. Weeks operated in ozone season  S: k		
11.	b. Number of hours per day  e. Percent of total annual ope  0 0 0 0 Q1 Q2 Q3  Ozone season schedule – M  0 a. Ozone season hours per day  Emission release point – sele  Non-Stack Release Points:  fugitive horizon gooseneck downward downward downward downward gooseneck downward downward downward downward downward downward	eration that occurs in  O Q4  lay 1 through Septem  O b. Ozone season of ect one:  ital vent ard facing vent than 10ft o question 14.	s per week n each calendar quesum of Q1+Q2+0 (or 0% if the unit) nber 30: days per week  Physical Stacks vertical stack	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)   O  c. Weeks operated in ozone season  s:  k rain cap/sleeve		
11.	b. Number of hours per day  e. Percent of total annual ope  O Q1 Q2 Q3  Ozone season schedule – M  O a. Ozone season hours per day  Emission release point – sele  Non-Stack Release Points:  Guerral fugitive horizon  Guerral gooseneck downward  vertical stack/vent less to	eration that occurs in  organic Department of Department o	s per week n each calendar qu Sum of Q1+Q2+ (or 0% if the unit nber 30: days per week  Physical Stacks Vertical stack vertical with	d. Number of weeks per year  uarter:  Q3+Q4 must = 100%  was not operated for any quarter)   O c. Weeks operated in ozone season  s:  k rain cap/sleeve		

Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-2**

Emission Unit – Process Description

2012
Year of record
5
DEP EU# (old Point #)
1190564
Facility AO identifier

# A. Emission Unit – Process Description (cont.)

?	yes – answer a t	hrough I	o to Question 15	devices ?	
How to delete a monitor		Monitor 1	Monitor 2	Monitor 3	
(	a. Monitor type:	check only one:	check only one:	check only one:	
Do not leave blank – if unknown write		□ CEMs □ opacity   □ fuel flow meter □ fuel flow meter   □ time recorder □ time recorder   □ temperature recorder □ temperature recorder   □ pressure □ pressure   □ other – describe: □ other – describe:		☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other — describe:	
'unknown' or estimate		Describe "other"	Describe "other"	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 #:				
Leave f, g, h	g. DEP approval date:				
applicable.	h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)	
(		(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	
	I. 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 S02 C0 VOC N02 NH3 Mercury Oxygen C02 H2S HCL Opacity other – describe:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe:	
		Describe offici	Describe offici	Describe offici	

Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-2**

Emission Unit – Process Description

Year of record

DEP EU# (old Point #)

1190564

Facility AQ identifier

# A. Emission Unit – Process Description (cont.)

2	15.	Are there air pollution control devices on this emissions unit?			Check here if you need to report more than 3 air pollution control devices on	
How to delete a control		yes – answer a through i	✓ no – sł	kip to Section B		this unit. eDEP will add another page of control devices after this form.
		Air pollution control device 1	Air pollu	ution control device 2		Air pollution control device 3
	-					
		а. Туре	Туре		_	Туре
Do not leave blank – if unknown		b. Manufacturer	Manufact	urer	=	Manufacturer
write 'unknown' or		C. Model number	Model nu	mber	_	Model number
estimate		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)	Installatio	n date (mm/dd/yyyy)	_	Installation date (mm/dd/yyyy)
Leave f, g, h		f. DEP approval # (most recent)	DEP appi	roval # (most recent)	_	DEP approval # (most recent)
blank if not applicable.		g. DEP approval date (mm/dd/yyyy)	DEP appi	roval date (mm/dd/yyyy)	_	DEP approval date (mm/dd/yyyy)
		h. Decommission date (mm/dd/yyyy)	Decommi	ission date (mm/dd/yyyy)	_	Decommission date (mm/dd/yyyy)
(	?	i. Percent overall efficiency – er	ter for all po	ollutants that the device	e wa	s designed to control:
PM 10		% Overall eff.	% Overal	l eff		% Overall eff.
PM 2.5	5					
SO2	,	% Overall eff.	% Overal	l eff.		% Overall eff.
		% Overall eff.	% Overal	l eff.		% Overall eff.
CO	,	% Overall eff.	% Overal	l eff.		% Overall eff.
VOC	;	% Overall eff.	% Overal	l eff.		% Overall eff.
NO2	2					
NH3	3	% Overall eff.	% Overal	ι еπ.		% Overall eff.
HOC		% Overall eff.	% Overal	l eff.		% Overall eff.
		% Overall eff.	% Overal	l eff.		% Overall eff.
HYC	;	% Overall eff.	% Overal	l eff.		% Overall eff.
Hg	)	% Overall eff.	% Overal	l eff.		% Overall eff.
Pb	)	% Overall eff.	% Overal	l off		% Overall eff.
Other	r					
		% Overall eff.	% Overal	l eff.		% Overall eff.
		Specify "Other"	Specify "0	Other"		Specify "Other"

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

# **BWP AQ AP-2**

09/19/05

Emission Unit – Process Description

2012
Year of record
5
DEP EU# (old Point #)
1190564
Facility AQ identifier

BWP AQ AP-2 Emission Unit - Process Description • Page 5

	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 <b>not</b> report on previously (eDEP will add a blank Sect. B form to your package).	unit permanently. You mu of record even if amount is	uct: check the box if you I or making this product in this st still report data for this year "0" – the material / product init 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				
ow does eDEF andle multiple		b. Is material/product an input or output?	✓ input □ output	1 DEP#		
aw materials or nished roducts ?	r	c. Process description:	2 DRUM CRUSHING LIN	IES DRUMS		
		d. Source Classification Code (SCC): (see instructions)	3999998 SC Code (call DEP if SC Code MISC INDUSTRIAL PRO			
2		e. Maximum process rate for material/product:	SCC Description – filled by eDB	1000 EACH		
ote: efinition of laximum		f. If organic material, give weight % of:	VOC	Units per hour		
rocess rate		g. Total actual raw material used or finished product produced for year of record:	HYC <b>0.0000</b> Amount	1000 EACH Units		
		Enter "0" if not used in the year of record	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.I		
	?	i. DEP approval number for restrictions:	Most recent approval number for	or this material or product		
		<ul><li>j. Short term raw material/finished product restriction – if none, leave blank:</li></ul>	Quantity (amount or hours)	Units		
			Per: month wee	k □ day □ hour		
		<ul><li>k. Annual material/product restriction</li><li>if none, leave blank:</li></ul>	Quantity (amount or hours)	Units		
		I. Indicate which air pollution control devices from Section A, Question 15 control this	Device ID #	Device ID #		
		material/product by listing the facility- designated control device ID # for each unit	Device ID #	Device ID #		
		that applies:	Device ID #	Device ID #		
		How to make a new air pollution control device appear in these drop menus?	check here if ALL air pollu unit apply to this material/	tion control devices on the product		

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-2**

Emission Unit – Process Description

Year of record

DEP EU# (old Point #)

1190564

Other:

Facility AQ identifier

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

**?**2.

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

mportant:
Leaving blanks for
Actual and Potential
emissions means that
ou are certifying that
here were less than
0.0001 (or zero) tons
of emissions for each
olank.

ial Astrol for provious vers			
that Actual for previous year eDEP only: Tons Tons	Tons	Tons	Tons
an ons 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::			
Max allowed – annual: Tons Tons	Tons	Tons	Tons
Max allowed – annual:  Tons  Tons  Tons  Pounds  Pounds  Pounds  Pounds  Pounds	Pounds	Pounds	Pounds
Tons  Tons			
Basis: DEP approval number or regulation:			

Important:
Reporting now required for t-Butyl Acetate

Pollutant	VOC	нос	*Reserved*	NH3	specify
Actual for previous year	0		. <u>-</u>		
eDEP only:	Tons <b>0.0000</b>	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:	0.11				
In pounds per unit:	1000 EACH				
Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Max allowed — short term:  Short term period:  Basis - DEP approval					_
Basis - DEP approval number or regulation:	MBR-87-IND-				_

For this material or product only (leave blank if none)

check to enter your own values

Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-2**

Emission Unit – Process Description

2012
ear of record
5
EP EU# (old Point #)
1190564
acility AQ identifier

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
	IOTE: The form has estimated the emissions for you. Howe wn values by checking the boxes above for VOC and NOx.	ver, you may enter your

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

THE DRUM CRUSHING UNIT WAS NOT USED IN CALENDAR YEAR 2012

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.

Bureau of Waste Prevention - Air Quality

# DIMP AO AD 2

2012
Year of record
1
DEP EU# (old Point#)
1190564
Facility AQ identifier

# **Impo** When







		OVP AQ AP-3		1190564		
	Em	nission Unit – Incinerator: Solid Waste, Sludge, M	Facility AQ identifier			
Important: When filling out forms on the	ut A. Emission Unit – Incinerator Information					
computer, use only the tab key	1.	Facility identifiers:				
to move your		CLEAN HARBORS OF BRAINTREE INC				
cursor – do not use the return		a. Facility name				
key.		34839	1190564			
tab		b. DEP Account number	c. Facility AQ identifier – SSE	IS ID number		
return	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	c. DEP emissions unit # - SS	SEIS point #		
	3.	DEP approvals – leave blank if not applicable:  MBR-89-INC-003	5/17/1993			
		a. Most recent approval number	b. DEP approval date (mm/do	Ιληγηλ		
? How to delete	4.	Emission unit installation and decommission dates:  5/1/1989	4/7/1998	d(sass) if applicable		
a unit?		a. Installation date – estimate if unknown (mm/dd/yyyy)	<ul> <li>Decommission date (mm/d</li> <li>Complete only if the unit replaced since the last re</li> </ul>	was shut down permanently or		
	5.	Emission unit replacement?				
		a. Is this unit, replacing another emission unit?				
		✓ no	nber for the unit being re	placed below:		
		b. DEP's Emission Unit Number and facility's unit name				
	6.	Are there routine air quality reporting requirements fo Registration)?	r this emissions unit (oth	er than Source		
		a. Are there other routine air quality reporting requirer	ments for this emissions	unit?		
		✓ yes – specify reporting frequency below □ no	o – skip to question 6c			
		b. Reporting frequency – check all that apply:				
		☐ Monthly ☐ Quarterly ☐ Semi-annual ☑ Annual	al <b>☑</b> RES			
		(include Operating Permit and Plan Approval reports, but not exceed	edance reporting)			
		c. Is this unit subject to (check all that apply):	, 3/			
		□NESHAP □ NSPS □MACT				

Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-3**

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

Year of record

DEP EU# (old Point#)

1190564

Facility AQ identifier

			(**************************************	
Note: This section is not for afterburners or	7.	Incinerator description:		
other pollution control		a. Type:   commercial industrial medical		
equipment.			INCINERATOR	
		municipal sludge other:	Specify "other" incinerator type	
		VENT-O -MATIC	CAE500	
		b. Manufacturer:	c. Model number	
		d. Maximum operating capacity:	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:	e – dry rubbish, trash	
			ste – mix of rubbish & garbage ste – garbage ste – infectious/medical waste	
			e – industrial (liquid)	
		☐ other:	te – industrial (solid)	
		Guioi.		
		Specify Other Waste	е Туре	
	9.	Source Classification Code (SCC)	50200505	
	٠.	(see instructions):	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):	0.00	
		ζ,	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	
	15.	Automatic feeder?	Square Feet  ✓ yes ☐ no	
			_· _	

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

# **BWP AQ AP-3**

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

2012
Year of record
1
DEP EU# (old Point#)
1190564
Facility AQ identifier

	. Hours of operation for the	e emission	unit: a. [	check if cor	ntinuously ope	erated – 24 x	7 x 52
	0		0		0		
	b. Number of hours per day		c. Number of day	ys per week	d. Nu	mber of weeks	per year
	e. Percent of total annual	l operation	that occurs in	n each calend	ar quarter:		
	0 0	0	0		of Q1+Q2+Q3+		
	Q1 Q2	Q3	Q4	or U	if the unit was no	ot operated for a	any quarter
17.	. Ozone season schedule	– May 1 th	nrough Septer	mber 30:			
	0		0		0		
	a. Ozone season hours per day	/	b. Ozone seasor	ı uays per week	C. We	екs operated іі	n ozone season
18.	. Emission release point –	select one	e: <b>(2</b> )				
	Non-Stack Release Po			Physical S	Stacks:		
	☐ fugitive ☐ hor	izontal ver vnward fac	cing vent	✓ vertical		/sleeve	
19.	If Non-Stack release point, st. Link this unit to a physica  1 STACK #1- INCINERATOR #1-VENT- Facility's stack identifier from S	Il stack (if a o-matic TACK form –	applicable) – p	name use the S	TACK form	hafara raturn	ing to this form
	Link this unit to a physica	Il stack (if a o-matic TACK form – sted, save an	applicable) — p to change stack d exit this form ne	name use the S <sup>-</sup> ow and complete	TACK form		ing to this form.
	Link this unit to a physica  1 STACK #1-INCINERATOR #1-VENT- Facility's stack identifier from S  If the stack for this unit is not lis  Temperature – degrees i	Il stack (if a o-matic TACK form – sted, save an	applicable) — p to change stack d exit this form ne	name use the S <sup>-</sup> ow and complete	FACK form a new Stack form Chamber 100		ary Chambe
	Link this unit to a physica  1 STACK #1-INCINERATOR #1-VENT- Facility's stack identifier from S  If the stack for this unit is not lis	Il stack (if a o-matic TACK form – sted, save an	applicable) — p to change stack d exit this form ne	name use the Sow and complete  Primary  50  Lower	TACK form a new Stack form  Chamber  100 Upper		
	Link this unit to a physica  1 STACK #1-INCINERATOR #1-VENT- Facility's stack identifier from S  If the stack for this unit is not lis  Temperature – degrees i	Il stack (if a o-matic TACK form – sted, save an	applicable) — p to change stack d exit this form ne	name use the Sow and complete  Primary 50	FACK form a new Stack form Chamber 100	Seconda	ary Chambe
20.	Link this unit to a physica  1 STACK #1-INCINERATOR #1-VENT- Facility's stack identifier from S  If the stack for this unit is not lis  Temperature — degrees i  a. Operating range:	Il stack (if a	applicable) — p - to change stack d exit this form no	primary 50 Lower 50	Chamber  100 Upper 100	Seconda	ary Chambe
20.	Link this unit to a physica  1 STACK #1-INCINERATOR #1-VENT- Facility's stack identifier from S  If the stack for this unit is not lis  Temperature – degrees i  a. Operating range:  b. Permitted range:	Il stack (if a	applicable) — p - to change stack d exit this form no	primary 50 Lower 50	Chamber  100 Upper 100	Seconda Lower	Tupper Upper Upper
20.	Link this unit to a physica  1 STACK #1-INCINERATOR #1-VENT- Facility's stack identifier from S  If the stack for this unit is not lis  Temperature – degrees i  a. Operating range:  b. Permitted range:	Il stack (if a o-matic TACK form - sted, save an  n Fahrenh	applicable) — p - to change stack d exit this form no	primary 50 Lower 50	Chamber  100 Upper 100	Seconda	ary Chambe

Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-3**

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

2012
Year of record
1
DEP EU# (old Point#)
1190564
Facility AQ identifier

a Tuna of human sheet and	□ roto = :	□ maah atamina:	O otoom otom:		
a. Type of burner – check one:	☐ rotary☐ air atomize☐ other:	☐ mech. atomizer r ☐ traveling grate	☐ steam atomizer☐ hand fired		
		MECH ATOMIZER			
CARLIN		Specify "other" burner type	e		
b. Burner manufacturer					
201-CRD		0.77			
c. Burner model number		d. Maximum rating MMBtu / hr			
e. Source Classification C code (SC	CC):	50290005			
(see instructions)		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 – descri			
		AUX FUEL			
		Describe "other "fuel			
a Sulfur content for oils (0.2.2):					
g. Sulfur content for oils (0-2.2):		Percent by weight			
<ul><li>g. Sulfur content for oils (0-2.2):</li><li>h. Maximum hourly fuel rate for all fi</li></ul>	iring burners:	Percent by weight <b>0.1750</b>	1000 GALLONS		
	iring burners:		1000 GALLONS Units per hour		
h. Maximum hourly fuel rate for all fi  i. Total actual fuel used for year of re	ecord:	0.1750			
h. Maximum hourly fuel rate for all fi	ecord:	O.1750 Amount  O.0000 Amount – year of record	Units per hour ?		
h. Maximum hourly fuel rate for all fi	ecord:	0.1750 Amount 0.0000	Units per hour ?		
h. Maximum hourly fuel rate for all fi  i. Total actual fuel used for year of re(Enter "0" if not used in the year of record)	ecord:	O.1750 Amount  O.0000 Amount – year of record O	Units per hour  1000 GALLONS  Units 1000 GALLONS		
h. Maximum hourly fuel rate for all fi	ecord:	O.1750 Amount  O.0000 Amount – year of record O Prior year – eDEP only  yes	Units per hour  1000 GALLONS  Units 1000 GALLONS		
h. Maximum hourly fuel rate for all fi  i. Total actual fuel used for year of re(Enter "0" if not used in the year of record)	ecord:	O.1750 Amount  O.0000  Amount – year of record O  Prior year – eDEP only  V yes	Units per hour  1000 GALLONS Units 1000 GALLONS Units		
h. Maximum hourly fuel rate for all fi  i. Total actual fuel used for year of re (Enter "0" if not used in the year of record)  j. Do you have fuel or usage restrict k. DEP approval number for fuel res	ecord: ions?	O.1750 Amount  O.0000  Amount – year of record O  Prior year – eDEP only  V yes	Units per hour  1000 GALLONS Units 1000 GALLONS Units Skip to question 23		
h. Maximum hourly fuel rate for all fi  i. Total actual fuel used for year of re (Enter "0" if not used in the year of record)  j. Do you have fuel or usage restrict	ecord: ions?	O.1750 Amount  O.0000  Amount – year of record O  Prior year – eDEP only  V yes	Units per hour  1000 GALLONS Units 1000 GALLONS Units		

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-3**

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

2012
Year of record
1
DEP EU# (old Point#)
1190564
Facility AQ identifier

23. <b>Secondary</b> chamber auxiliary burners:					
	Is there a secondary chamber?	Yes 🗹 No −	if no skip to Question 24	1	
	a. Type of burner – check one:	] rotary ] air atomizer ] other:	☐ mech. atomizer ☐ traveling grate	steam atomizer hand fired	
			Specify "other" burner type		
	b. Burner manufacturer				
	c. Burner model number		d. Maximum rating MMBtu/hr  SC Code (call DEP if SC code will not validate)  SC Code Description – filled by eDEP upon validation  no.2 no.4 no.6  diesel natural gas other – describe:		
	e. Source Classification C code (SCC): (see instructions)	:			
	f. Type of fuel – check one:				
			Describe "other" fuel		
	g. Sulfur content for oils (0-2.2):		Percent by weight		
	h. Maximum hourly fuel rate for all firing	g burners:	Amount	Units per hour	
	i. Total actual fuel used for year of reco (Enter "0" if not used in the year of record)	Amount – year of record  Prior year – eDEP only	Units		
	<ul><li>j. Do you have fuel usage restrictions?</li><li>k. DEP approval number for fuel restrictions:</li></ul>		☐ yes 🔽 no – ski	ip to question 24	
			Most recent for this fuel		
	I. Annual usage restriction (for this fuel	Quantity	Units		
	m. Short term fuel use restriction (for the	Quantity	Units		
			Per: month we	ek 🗌 day 🔲 hour	

Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-3**

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

Year of record

DEP EU# (old Point#)

1190564

Facility AQ identifier

24	. Is there an air pollution control of	device/s on this emissions unit?	Check here if you need to report more
How to delete a control?	✓ yes – answer a through i	no – skip to question 25	than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form.
	Air pollution control device	Air pollution control device	Air pollution control device
	DRY SCRUBBER	SODIUM-ALKALI SCRUBBING	FABRIC FILTER
	а. Туре	Туре	Туре
	0	0	0
Do not leave blank –	b. Manufacturer	Manufacturer	Manufacturer
if unknown	0	0	0
write	C. Model number	Model number	Model number
'unknown' or	3-CAE500	2-CAE500	1-CAE500
estimate	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device
	4/1/1989	4/1/1989	4/1/1989
	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
	- Installation date (Illiniadayyyyy		
Leave f, g, h blank if not	f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)
applicable.	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 – e	nter for all pollutants that the device	e was designed to control:
PM 10	99	99	99
	% Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	0	0	0
1 101 2.0	% Overall eff.	% Overall eff.	% Overall eff.
SO2	0	0	0
302	% Overall eff.	% Overall eff.	% Overall eff.
00	0	0	0
CO	% Overall eff.	% Overall eff.	% Overall eff.
V/00	0	0	0
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	0	0	0
	% Overall eff.	% Overall eff.	% Overall eff.
NH3	0	0	0
	% Overall eff.	% Overall eff.	% Overall eff.
HOC	<u>0</u>	0	0
	% Overall eff.	% Overall eff.	% Overall eff.
HYC	0	0	0
	% Overall eff.	% Overall eff.	% Overall eff.
Hg	0	0	24.0
	% Overall eff.	% Overall eff.	% Overall eff.
Pb	0	0	0
	% Overall eff.	% Overall eff.	% Overall eff.
Other	99	99	99
	% Overall eff.	% Overall eff.	% Overall eff.
	TOTAL SUSPENDED PARTICULATES	TOTAL SUSPENDED PARTICULATES	TOTAL SUSPENDED PARTICULATES
	Specify "Other"	Specify "Other"	Specify "Other"

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-3**

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

2012
ear of record
DEP EU# (old Point#)
190564
acility AQ identifier

25. Is there <b>monitoring equipment</b> on this emissions unit:  ✓ yes – answer a through I □ no – skip to section B					
How to <b>delete</b> a monitor?		Monitor 1	Monitor 2	Monitor 3	
Do not	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:	
leave blank – if unknown write 'unknown' or estimate	<ul><li>b. Manufacturer:</li><li>c. Model number:</li></ul>	DYNATROL Describe "other" DYNATROL NO. 110M	Describe "other"	Describe "other"	
	d. Monitor ID #:  e. Installation date:	facility's Designation 5/17/1990 (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)	Facility's Designation (mm/dd/yyyy)	
Leave f, g, h blank if not applicable.	<ul><li>f. DEP approval #:</li><li>g. DEP approval date:</li><li>h. Decommission date:</li><li>i. Recorder?</li></ul>	MBR-91-INC-003B  5/17/1993 (mm/dd/yyyy)  (mm/dd/yyyy)  ☐ yes	(mm/dd/yyyy)  (mm/dd/yyyy)  yes no	(mm/dd/yyyy)  (mm/dd/yyyy)  yes no	
	j. Audible alarm? k. Data system?  l. Monitored pollutants – check all that apply:	yes no  yes no  pm 10 pm 2.5 S02 C0 VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	yes no  yes no  PM 10 PM 2.5 S02 C0 VOC NO2 NH3 Mercury Oxygen C02 H2S HCL Opacity other – describe:	yes no  yes no  PM 10 PM 2.5 S02 C0 VOC N02 NH3 Mercury Oxygen C02 H2S HCL Opacity other – describe:	
		Describe "other"	Describe "other"	Describe "other"	

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-3**

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

2012 Year of record DEP EU# (old Point#) 1190564 Facility AQ identifier

### **B. Emissions**

Total emissions for this emissions unit – tons per year:

1.	Total emissions for this	s emissions unit	<ul> <li>tons per yea</li> </ul>	ar:		
	Pollutant	PM10	PM2.5	SO2	NO2	СО
Important: Leaving blanks for	Actual for previous year	0	0	0	0	0
Actual and Potential	eDEP only:	Tons	Tons	Tons	Tons	Tons
emissions means that	Actual for year of	0.0000	0.0000	0.0000	0.0000	0.0000
you are certifying that there were less than	record:	Tons	Tons	Tons	Tons	Tons
0.0001 (or zero) tons	Potential emissions at	.048	.048	3	5	6
of emissions for each blank.	nax capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Emission factor:					
	Emission factor units in pounds per:					
	Maximum allowed		<u></u>			
<b>init</b>	emissions – annual:	Tons	Tons	Tons	Tons	Tons
For the entire unit only (leave blank if none)	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
ihe ei on	Short term period (or MMBtu):					
For t	Basis: DEP approval	MBR-91-INC-003B		MBR-91-INC-003B	MBR-91-INC-003B	MBR-91-INC-003B
	number or regulation:					
						Other:
	Pollutant	voc	нос	*Reserved*	NH3	Specify
	Actual for previous year	0				, ,
	eDEP only:	Tons	Tons	Tons	Tons	Tons
	Actual for year of	0.0000				
	record:	Tons	Tons	Tons	Tons	Tons
	Potential emissions at	19		- <del></del>		
m	naximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Emission factor:					
	Emission factor units in pounds per:					
	Maximum allowed					
nit (ine)	emissions – annual:	Tons	Tons	Tons	Tons	Tons
re u	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
he enti only	Short term period (or MMBtu):					
For th	Basis – DEP approval	MBR-91-INC-003B				
<b>H</b> 9	number or regulation:			-		
2.	Ozone season emission	ons – May 1 thro	ugh Septembe	er 30:		
NOTE for	0			0		
NOTE for Ozone Season	a. Typical day VOC emission	ns – pounds per day			x emissions – pound	s per day

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-3**

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

2012
Year of record
1
DEP EU# (old Point#)
1190564
Facility AQ identifier

### 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. NOTIFICATION TO MA DEP IN A LETTER DATED APRIL 7, 1998.

2.	Δ	tta	ch	me	ents	
∠.	$\overline{}$	LLA	u		HILO	

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 <b>cannot</b> be sent electronically, please list all such attachments
below and deliver them to DEP with a paper copy of this form.

Bureau of Waste Prevention - Air Quality

Emission Unit - Organic Material Storage

2012 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.
JAT

۹.	<b>Equipment Description</b>	
١.	Facility identifiers: (?)	
	CLEAN HARBORS OF BRAINTREE INC	
	a. Facility name	
	34839	1190564
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
2.	Emission unit identifiers:	
	AG TANK B7- POLYOLEFIN H TANKS WASTEWA	ATER NO VOCS



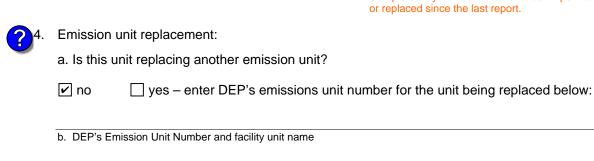
AG TANK B7- POLYOLEFIN H TANKS WASTEV	VATER NO VOCS				
a. Facility's choice of emission unit name – edit as needed					
60	60				
b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #				

combine units?

3. Emission unit installation and decommission dates:

d. Combined Units - enter number of individual units

	3/1/2011	
	a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) - if applicable
How to <b>delete</b> unit?		Complete only if the unit was shut down permanently or replaced since the last report.



b. DEP's Emission	Unit Number and facility	unit name	
Unit description	ns:		
a. Description:	✓ above ground	below ground	
b. Roof type:	☐ floating roof ☑ fixed	internal roof other:	O th
19.13	9.25	6506.0000	Specify other
c. Height / Length -	- feet d. Diameter – fe	eet e. Capacity – g	gallons

6.	Construction:	steel weld	✓ other weld	☐ rivet	fiberglass	☐ gunite
----	---------------	------------	--------------	---------	------------	----------

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

7. Material stored (at start of year):

Emission Unit - Organic Material Storage

2012
Year of record
60
DEP EU# (old Point #)
1190564
Facility AQ identifier

### A. Equipment Description (cont.)

WASTEWATER NO VOCS NOT APPLICABLE TO REPORT

	a. Name of material				
		50300701			
	b. CAS number if single chemical	c. SC Code for standing / breathing loss			
Click "Cucon	LIQUID WASTE GENERAL				
or SC Code	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C			
elp	<b>?</b> 52	0			
	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)			
<u>(</u>	h. RVP – gasoline only	i. Total oxygen percent – gasoline only			
	j. Oxygenate name – gasoline only	_			
8	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 <sup>o</sup> Fahrenheit	g. Annual throughput in gallons			
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only			

### **B. Notes and Attachments**

j. Oxygenate name - gasoline only

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

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

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.

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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	Α.	<b>Equipment Description</b>	
the computer, use only the tab key to move your cursor – do not use the	1.	Facility identifiers:  CLEAN HARBORS OF BRAINTREE INC  a. Facility name  34839	1190564
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
return	2.	Emission unit identifiers:  AG TANK B4- POLYOLEFIN H WASTEWATER N  a. Facility's choice of emission unit name – edit as needed  57  b. Facility's emission unit number / code – edit as needed	O VOCS  57 c. DEP emissions unit # – SSEIS point #
How to combine units ?		d. Combined Units – enter number of individual units	
_	3.	Emission unit installation and decommission dates: 3/1/2011	
How to delete a unit?		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.
<b>?</b>	4.	Emission unit replacement:	
		a. Is this unit replacing another emission unit?	
		v no yes – enter DEP's emissions unit nu	mber 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	nd
		b. Roof type: ☐ floating roof ☐ internal roof ☐ other:	
		19.25 9.25 6506.0	Specify other 000
			city – gallons

6. Construction:  $\square$  steel weld  $\checkmark$  other weld  $\square$  rivet  $\square$  fiberglass  $\square$  gunite

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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	O REPORT		
	a. Name of material			
		50300701		
	b. CAS number if single chemical	c. SC Code for standing / breathing loss		
	LIQUID WASTE GENERAL			
_	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° 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			
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 <sup>o</sup> Fahrenheit	g. Annual throughput in gallons		
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only		

### **B. Notes and Attachments**

j. Oxygenate name - gasoline only

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

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

**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.

for SC Code help

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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

	Co	Complete one AP-4 for EACH organic material storage tank.		
Important: When filling out forms on	A.	Equipment Description		
the computer, use only the	1.	Facility identifiers: (?)		
tab key to		CLEAN HARBORS OF BRAINTREE INC		
move your cursor – do		a. Facility name		
not use the		34839	1190564	
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number	
tab				
	2.	Emission unit identifiers:		
return		AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS		
		a. Facility's choice of emission unit name – edit as needed		
		54	54	
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #	
2		d. Combined Units – enter number of individual units		
How to combine units ?				
	3.	Emission unit installation and decommission dates:		
		3/1/2011		
(?)		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable	
How to <b>delete</b> a unit?			Complete only if the unit was shut down permanently or replaced since the last report.	
<u>?</u>	4.	Emission unit replacement:		

- 24. 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
- - 6. Construction:  $\square$  steel weld  $\checkmark$  other weld  $\square$  rivet  $\square$  fiberglass  $\square$  gunite

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2012
Year of record
54
DEP EU# (old Point #)
1190564
Facility AQ identifier

### A. Equipment Description (cont.)

Material stored (at start of year):			
CORROSIVES NO VOCS NOT APPLICABLE TO	REPORT		
a. Name of material			
	50300701		
b. CAS number if single chemical	c. SC Code for standing / breathing loss		
LIQUID WASTE GENERAL			
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C		
52	0		
f. Temperature – typical storage temp. in <sup>°</sup> 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			
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		
	CORROSIVES NO VOCS NOT APPLICABLE TO a. Name of material  b. CAS number if single chemical LIQUID WASTE GENERAL d. SC Code description – filled by eDEP  52 f. Temperature – typical storage temp. in *Fahrenheit  h. RVP – gasoline only  j. Oxygenate name – gasoline only  New material stored (enter new material if contents  a. Name of material  b. CAS number if single chemical		

### **B. Notes and Attachments**

j. Oxygenate name – gasoline only

h. RVP - gasoline only

f. Temperature – typical storage temp. in <sup>o</sup>Fahrenheit

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

g. Annual throughput in gallons

i. Total oxygen percent - gasoline only

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

**2. Attachments:** 

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for SC Code help

Bureau of Waste Prevention – Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2012 Year of record 53 DEP EU# (old Point #) 1190564

Facility AQ identifier

Comp	olete one	AP-4 for	<b>EACH</b> or	ganic mate	rial storag	e tank.

	Cor	mplete one AP-4 for EACH organic material storage	tank.	
Important: When filling out forms on	A.	. Equipment Description		
the computer, use only the	1.	Facility identifiers:		
tab key to		CLEAN HARBORS OF BRAINTREE INC		
move your cursor – do		a. Facility name		
not use the		34839	1190564	
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number	
tab				
	2.	Emission unit identifiers:		
return		AG TANK B1- POLYOLEFIN WASTEWATE	ER NO VOCS	
		a. Facility's choice of emission unit name – edit as needed		
		53	53	
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #	
2		d. Combined Units – enter number of individual units		
How to				
combine units ?				
	3.	Emission unit installation and decommission dates:		
_		3/1/2011		
?		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable	
How to <b>delete</b> a unit?		, ,,,,,	Complete only if the unit was shut down permanently or replaced since the last report.	
<b>?</b>	4.	Emission unit replacement:		
		a. Is this unit replacing another emission unit?		
		_		
		✓ no	number for the unit being replaced below:	
		b. DEP's Emission Unit Number and facility unit name		
<b>?</b>	5.	Unit descriptions:		
		. December		
		a. Description:   above ground below ground	ound	
		b. Roof type:   floating roof   internal r	oof	
		✓ fixed	Specify other	
		19.13 9.25 6500	6.0000	
			pacity – gallons	

steel weld other weld rivet fiberglass gunite

6. Construction:

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2012
Year of record
53
DEP EU# (old Point #)
1190564
Facility AQ identifier

### A. Equipment Description (cont.)

Material stored (at start of year):				
CORROSIVES NO VOCS NOT APPLIBABLE T	O REPORT			
a. Name of material	50300701			
b. CAS number if single chemical	c. SC Code for standing / breathing loss			
LIQUID WASTE GENERAL				
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° 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				
j. Oxygenate name – gasoline only  New material stored (enter new material if conte	ents changed during year of record):			
, ,,	ents changed during year of record):			
New material stored (enter new material if conte	ents changed during year of record):  c. SC Code for standing / breathing loss			
New material stored (enter new material if conte				
New material stored (enter new material if conternal a. Name of material b. CAS number if single chemical	c. SC Code for standing / breathing loss			

### **B. Notes and Attachments**

j. Oxygenate name - gasoline only

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

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

**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.

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## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
52
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Cor	mplete one AP-4 for EACH organic material storage tal	nk.			
Important: When filling out forms on	A.	A. Equipment Description				
the computer, use only the	1.	Facility identifiers: 7				
tab key to		CLEAN HARBORS OF BRAINTREE INC				
move your cursor – do		a. Facility name				
not use the		34839	1190564			
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number			
	2.	Emission unit identifiers:				
return		AG TANK A12 (6,300 GAL), NO. 2 FUEL OIL				
		a. Facility's choice of emission unit name – edit as needed				
		52	52			
_		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #			
How to		d. Combined Units – enter number of individual units				
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			
How to <b>delete</b> a unit ?			Complete only if the unit was shut down permanently or replaced since the last report.			
<u> </u>	4.	Emission unit replacement:				
•		a. Is this unit replacing another emission unit?				
		✓ no	imber for the unit being replaced below:			
		DEDIC Full College Hall Manager of College Street				
		b. DEP's Emission Unit Number and facility unit name				
?	5.	Unit descriptions:				
		a. Description:   above ground below ground	nd			
		b. Roof type:	f			
		✓ fixed	Specify other			
			Opcomy office			

4000

e. Capacity - gallons

6

c. Height / Length – feet d. Diameter – feet

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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	40301021					
	68476302						
	b. CAS number if single chemical	c. SC Code for standing / breathing loss					
	PETROLEUM STORAGEDIST FUEL NO.2	0.009					
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C					
(?)	52	8450.0000					
	f. Temperature – typical storage temp. in <sup>°</sup> Fahrenheit	g. Annual throughput in gallons (enter $\overline{0}$ 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	s 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 <sup>o</sup> Fahrenheit	g. Annual throughput in gallons					
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only					
	j. Oxygenate name – gasoline only						
В.	Notes and Attachments						
1.	Notes: please include in the space below any addi	itional information that will help DEP understand					
	your submission.						
	2 Attachments:  Check here to submit attachm	onto to this form. For attachments that <b>cannot</b> be					

sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
51
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Cor	nplete one AP-4 for EACH organic material storage tan	k.		
Important: When filling	A. Equipment Description				
out forms on the computer, use only the	1.	Facility identifiers:			
tab key to		CLEAN HARBORS OF BRAINTREE INC			
move your cursor – do		a. Facility name			
not use the		34839	1190564		
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number		
	2.	Emission unit identifiers:			
return		AG TANK A13 (4,000 GAL), DIESEL LOW SULF			
		a. Facility's choice of emission unit name – edit as needed			
		51	51		
_		b. Facility's emission unit number / code – edit as needed	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		
How to <b>delete</b> a unit ?			Complete only if the unit was shut down permanently or replaced since the last report.		
?	4.	Emission unit replacement:			
		a. Is this unit replacing another emission unit?			
		✓ no	mber for the unit being replaced below:		
		b. DEP's Emission Unit Number and facility unit name			
?	5.	Unit descriptions:			
	-	a. Description: 🗹 above ground 🗌 below groun	nd		

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

internal roof

4000

e. Capacity - gallons

Specify other

other:

b. Roof type:

c. Height / Length – feet

25

☐ floating roof
✓ fixed

d. Diameter - feet

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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	40301021				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	PETROLEUM STORAGEDIST FUEL NO.2	0.009				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
9	52	104612.0000 ?				
(I)	f. Temperature – typical storage temp. in <sup>°</sup> Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)				
	i. Temperature – typicai storage temp. iii Tamerineit	g. Annual infoughput in gallons (enter o il not useu)				
?	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only	=				
8.	New material stored (enter new material if conte	ents changed during year of record):				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	, , , , , , , , , , , , , , , , , , ,	3 · · · · · · · · · · · · · · · · · · ·				
	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	_				
В.	Notes and Attachments					
1.	<b>Notes</b> : please include in the space below any ac your submission.	dditional information that will help DEP understand				
:	2. Attachments:  Check here to submit attach	nments to this form. For attachments that <b>cannot</b> be				

sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

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## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
26
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Coi	mplete one AP-4	for EACH organic m	aterial storage tan	ık.	
Important: When filling out forms on	A.	A. Equipment Description				
the computer, use only the tab key to	1.		ers: ? ORS OF BRAINTRE	EE INC		
move your cursor – do		a. Facility name			4400704	
not use the return key.		34839			1190564	
tab tab		b. DEP Account nu	mber		c. Facility AQ identifier – SSEIS ID number	
	2.	Emission unit id	dentifiers:			
return		AG TANK A25	(1,000 GAL), PCB			
			of emission unit name -	edit as needed		
		26			26	
		b. Facility's emission	on unit number / code – e	edit as needed	c. DEP emissions unit # - SSEIS point #	
How to combine units?		d. Combined Units	– enter number of indivi	dual units		
units :	3.	Emission unit ir	nstallation and deco	mmission dates:		
_		1/1/1987				
?			<ul><li>estimate if unknown (n</li></ul>	nm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable	
How to <b>delete</b> a unit ?			,	,,,,,	Complete only if the unit was shut down permanently or replaced since the last report.	
<u> </u>	4.	Emission unit re	eplacement:			
•		a. Is this unit re	placing another em	ission unit?		
		<b>v</b> no □	yes – enter DEP's o	emissions unit nu	mber for the unit being replaced below:	
		b. DEP's Emission	Unit Number and facility	y unit name		
?	5.	Unit description	ns:			
		a. Description:	✓ above ground	below grour	nd	
		b. Roof type:	☐ floating roof ☑ fixed	☐ internal roof☐ other:		
		10.5	4	1000	Specify other	
		10.5	4	1000		

d. Diameter - feet

e. Capacity - gallons

c. Height / Length – feet

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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				
		50300899			
	b. CAS number if single chemical	c. SC Code for standing / breathing loss			
	WASTE DISP-INDUS /TREATMENT, STORAGE d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C			
2	52	0			
<u> </u>	f. Temperature – typical storage temp. in <sup>°</sup> 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				
3.	New material stored (enter new material if contents	s changed during year of record):			
	(0.10)	The standard			
	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 <sup>o</sup> Fahrenheit	g. Annual throughput in gallons			
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only			
	j. Oxygenate name – gasoline only				
3.	Notes and Attachments				
•	<b>Notes</b> : please include in the space below any additional information that will help DEP understand your submission.				
	THIS TANK WAS NOT USED IN CALEND	)AR YFAR 2012			

**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.

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
25
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Col	mplete one AP-4 for EACH organic material storage tal	nk.
Important: When filling out forms on	A.	Equipment Description	
the computer,	1.	Facility identifiers: 7	
use only the tab key to		CLEAN HARBORS OF BRAINTREE INC	
move your cursor – do		a. Facility name	
not use the		34839	1190564
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
	2.	Emission unit identifiers:	
return		AG TANK A24 (2,400 GAL), PCB	
		a. Facility's choice of emission unit name – edit as needed	
		25	25
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #
2		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
How to <b>delete</b> a unit ?			Complete only if the unit was shut down permanently or replaced since the last report.
<u> </u>	4.	Emission unit replacement:	
		a. Is this unit replacing another emission unit?	
		a. 13 this drift replacing another emission drift:	
		✓ no	ımber 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	nd
		b. Roof type:	
		10.5 7 2400	Specify other
			city – gallons

✓ steel weld □ other weld □ rivet □ fiberglass □ gunite

6. Construction:

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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					
		50300899				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	WASTE DISP-INDUS /TREATMENT, STORAGE	Version and according DOL at 2000 C				
9	d. SC Code description – filled by eDEP  52	e. Vapor pressure in PSI at 25° C ?				
(F	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)				
	1. Tomporataro Typicar storage temp. In Tamerine.	g. Allitual unougriput in gallono (onto: o il not acca,				
?	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only					
8.	New material stored (enter new material if contents	s changed during year of record):				
Ο.	New Material Stored (enter new material in contents	s changed during year or record).				
	- Nove of restails					
	a. Name of material					
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	S. O. O. Hamiss. I. Single Shames.	0. 00 0000 io. otalianig/ bicaming/2000				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	f. Temperature – typical storage temp. in <sup>o</sup> Fahrenheit	g. Annual throughput in gallons				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only					
	j. Oxygonate name gassime et.i.,					
В.	Notes and Attachments					
1.	<b>Notes</b> : please include in the space below any additional information that will help DEP understand your submission.					
	your outsinotion.					
	TANK NOT USED IN YEAR 2012					

Bureau of Waste Prevention – Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
24
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Coi	mplete one AP-4 for EACH organic material storage tar	nk.
Important: When filling out forms on	A.	<b>Equipment Description</b>	
the computer, use only the tab key to move your	1.	Facility identifiers: ? CLEAN HARBORS OF BRAINTREE INC	
cursor – do		a. Facility name 34839	1190564
not use the return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
return	2.	Emission unit identifiers: AG TANK A23 (2,400 GAL), PCB	
		a. Facility's choice of emission unit name – edit as needed	
		b. Facility's emission unit number / code – edit as needed	24 c. DEP emissions unit # – SSEIS point #
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - 55E15 point #
How to combine units ?		d. Combined Units – enter number of individual 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
How to <b>delete</b> a unit?			Complete only if the unit was shut down permanently or replaced since the last report.
<b>?</b>	4.	Emission unit replacement:	
•		a. Is this unit replacing another emission unit?	
			mber 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	nd
		b. Roof type:	
		10.5 7 2400	Specify other
			city – gallons

6. Construction:  $\checkmark$  steel weld  $\square$  other weld  $\square$  rivet  $\square$  fiberglass  $\square$  gunite

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
24
DEP EU# (old Point #)
1190564
Facility AQ identifier

### A. Equipment Description (cont.)

Material stored (at start of year):				
OIL WITH POLYCHLORINATED BIPHENYLS				
a. Name of material	1 5000000			
	50300899			
b. CAS number if single chemical	c. SC Code for standing / breathing loss			
WASTE DISP-INDUS /TREATMENT, STORAGI	0.030			
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C			
52	0.0000			
f. Temperature – typical storage temp. in <sup>°</sup> 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	-			
j. Oxygenate name – gasoline only  New material stored (enter new material if conte  a. Name of material	nts changed during year of record):			
New material stored (enter new material if conte	nts changed during year of record): ?  c. SC Code for standing / breathing loss			
New material stored (enter new material if conte				
New material stored (enter new material if conte  a. Name of material  b. CAS number if single chemical	c. SC Code for standing / breathing loss			
New material stored (enter new material if conte  a. Name of material  b. CAS number if single chemical  d. SC Code description – filled by eDEP	c. SC Code for standing / breathing loss  e. Vapor pressure in PSI at 25° C			

### **B. Notes and Attachments**

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

TANK NOT USED IN YEAR 2012

**2. Attachments:** 

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## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
23
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Coi	mplete one AP-4	for EACH organic m	aterial storage tan	nk.		
Important: When filling out forms on							
the computer, use only the tab key to	1.	Facility identified	ers: ? ORS OF BRAINTRE	EE INC			
move your cursor – do		a. Facility name			4400004		
not use the return key.		b. DEP Account nu	ımhor		1190564 c. Facility AQ identifier – SSEIS ID number		
tab		b. BEI Account no	inibei		C. I ability Active number — SOCIO ID Humber		
	2.	Emission unit id	dentifiers:				
return		AG TANK A22	(2,400 GAL), PCB				
			of emission unit name -	edit as needed			
		23			23		
		b. Facility's emission	on unit number / code – e	edit as needed	c. DEP emissions unit # - SSEIS point #		
How to combine		d. Combined Units	– enter number of indivi	dual units			
units ?	3.	Emission unit in	nstallation and deco	mmission dates:			
		1/1/1983					
?			<ul> <li>estimate if unknown (n</li> </ul>	mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable		
How to <b>delete</b> a unit?					Complete only if the unit was shut down permanently or replaced since the last report.		
<b>?</b>	4.	Emission unit re	eplacement:				
•		a. Is this unit re	placing another em	ission unit?			
		<b>☑</b> no	yes – enter DEP's	mber for the unit being replaced below:			
		b. DEP's Emission	unit Number and facility	y unit name			
?	5.	Unit descriptions:					
	-	a. Description:	✓ above ground	below grour	nd		
		b. Roof type:	☐ floating roof ☑ fixed	☐ internal roof ☐ other:			
		10.5	7	2400	Specify other		

6. Construction:  $\checkmark$  steel weld  $\square$  other weld  $\square$  rivet  $\square$  fiberglass  $\square$  gunite

e. Capacity - gallons

c. Height / Length – feet d. Diameter – feet

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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	50300899
	b. CAS number if single chemical	c. SC Code for standing / breathing loss
	WASTE DISP-INDUS /TREATMENT, STORAGE	0.030
_	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
?	52	0.0000
	f. Temperature – typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
2	h. RVP – gasoline only	i. Total oxygen percent – gasoline only
<u>"</u>		
	j. Oxygenate name – gasoline only	
3.	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

### **B. Notes and Attachments**

j. Oxygenate name – gasoline only

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

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## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
14
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Co	mplete one AP-4 for EACH organic material storage tan	ık.
Important: When filling out forms on	A.	Equipment Description	
the computer, use only the	1.	Facility identifiers:	
tab key to		CLEAN HARBORS OF BRAINTREE INC	
move your cursor – do		a. Facility name	
not use the		34839	1190564
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
tab			
	2.	Emission unit identifiers:	
return		AG TANK A9- 10,000 GAL WASTE STREAM FB1	
		a. Facility's choice of emission unit name – edit as needed	
		14	14
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #
How to		d. Combined Units – enter number of individual units	
combine			
units?	_		
	3.	Emission unit installation and decommission dates:	
		3/1/2011	
		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable
How to <b>delete</b> a unit?			Complete only if the unit was shut down permanently or replaced since the last report.
<b>?</b>	4.	Emission unit replacement:	
•		a. Is this unit replacing another emission unit?	
		✓ no	mber for the unit being replaced below:
		b. DEP's Emission Unit Number and facility unit name	
<u> </u>	<b>\</b> 5.	Unit descriptions:	

b. DEP's Emission Unit Number and facility unit name				
Unit descriptio	ns:			
a. Description:	✓ above ground	below ground		
b. Roof type:	☐ floating roof ✓ fixed	☐ internal roof ☐ other:		
11.50	11.20	10000.000	Specify other	
c. Height / Length	- feet d. Diameter - f	eet e. Capacity -	- gallons	

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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 WASTE FUEL					
	a. Name of material					
	a. Name of material	50300899				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	WASTE DISP-INDUS /TREATMENT, STORAGE	1.040				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
9	52	224030.0000				
(f)	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)				
	i. Temperature – typicai storage temp. iii Tamenneit	g. Annual unougriput in gallons (enter o il not useu)				
?	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only					
8.	New material stored (enter new material if contents a. Name of material	New material stored (enter new material if contents changed during year of record):				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	CHEMICAL STORAGE					
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	•	• •				
	f. Temperature – typical storage temp. in <sup>o</sup> Fahrenheit	g. Annual throughput in gallons				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only					
В.	Notes and Attachments					
1.	<b>Notes</b> : please include in the space below any additional information that will help DEP understand your submission.					
	2. Attachments: Check here to submit attachment	ents to this form. For attachments that <b>cannot</b> be				

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Emission Unit - Organic Material Storage

2012 Year of record 13 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.
tab
return

combine units?

a unit?

Coi	mplete one AP-4 for EACH organic material storage tai	nk.			
Α.	<b>Equipment Description</b>				
1.	Facility identifiers:				
	CLEAN HARBORS OF BRAINTREE INC				
	a. Facility name				
	34839	1190564			
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number			
2.	Emission unit identifiers:				
	AG TANK A8 - 10,000 GAL TANK				
	a. Facility's choice of emission unit name – edit as needed 13	13			
	b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #			
	d. Combined Units – enter number of individual units				
3.	Emission unit installation and decommission dates: 3/1/2011 a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable  Complete only if the unit was shut down permanently			
		or replaced since the last report.			
4.	Emission unit replacement:				
)	a. Is this unit replacing another emission unit?				
	✓ no	mber 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	nd			
	b. Roof type:	f			

10000.0000

e. Capacity - gallons

other:

11.20

d. Diameter - feet

18.50

c. Height / Length - feet

Specify other

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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						
		50300899					
	b. CAS number if single chemical	c. SC Code for standing / breathing loss					
	WASTE DISP-INDUS /TREATMENT, STORAGE	0.390					
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C					
9	52	191899.0000					
T.	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)					
	1. Temperature typicar storage temp. In Tamermet	g. / illindar arroagripat in galloris (cirtor o il riot disca)					
?	h. RVP – gasoline only	i. Total oxygen percent – gasoline only					
	j. Oxygenate name – gasoline only						
8.	New material stored (enter new material if contents	s 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						
В.	<b>Notes and Attachments</b>						
1.	<b>Notes</b> : please include in the space below any additional information that will help DEP understand your submission.						
:	2. Attachments: Check here to submit attachment	ents to this form. For attachments that <b>cannot</b> be					

sent electronically, please list all such attachments in notes above and deliver them to DEP with a

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## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
12
DEP EU# (old Point #)
1190564
Facility AQ identifier

Complete one AP-4	for EACH	organic material	storage tan	k
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Important:
When filling
out forms on
the compute
use only the
tab key to
move your
cursor – do
not use the
return key.

۹.	<b>Equipment Description</b>			
١.	Facility identifiers:			
	CLEAN HARBORS OF BRAINTREE INC			
	a. Facility name			
	34839	1190564		
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number		
2.	Emission unit identifiers:			
	AG TANK A7- 9,500 GAL WASTE STREAM AA	9 (NMP)		
	a. Facility's choice of emission unit name – edit as needed			
	12	12		
	h Facility's emission unit number / ands andit on needed	a DED amissions unit # CCEIC point #		



d. Combined Units – enter number of individual units



3. Emission unit installation and decommission dates:

?
How to <b>delete</b>
a unit ?

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.



Emission unit replacement:

a. Is this unit replacing another emission unit?

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

5. Unit descriptions:

a. Description: 🗹 above ground 🗌 below ground

Specify other 17.25 12.00 9500.0000

c. Height / Length – feet d. Diameter – feet e. Capacity – gallons

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

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Year of record
12
DEP EU# (old Point #)
1190564
Facility AQ identifier

### A. Equipment Description (cont.)

7.	Material stored (at start of year):					
	ORGANIC LEAN WATERS (OIL, GAS WATER MIX	NIC LEAN WATERS (OIL. GAS WATER MIXTURE)				
	a. Name of material					
		50300899				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	WASTE DISP-INDUS /TREATMENT, STORAGE	3.250				
_	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
?	52	12420.0000				
	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					
8.	New material stored (enter new material if contents	New material stored (enter new material if contents changed during year of record):				
	NMP AND WATER	NMP AND WATER				
	a. Name of material					
		50300899				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	WASTE DISP-INDUS /TREATMENT, STORAGE	0.342				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	52	38498.0000				
	f. Temperature – typical storage temp. in <sup>o</sup> Fahrenheit	g. Annual throughput in gallons				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only					
В.	Notes and Attachments					
1.	Notes: please include in the space below any addit	tional information that will help DEP understand				
	your submission.					
	I and the second					

**2. Attachments:** 

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Emission Unit - Organic Material Storage

2012 Year of record 11 DEP EU# (old Point #) 1190564 Facility AQ identifier

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

	Cor	Complete one AP-4 for EACH organic material storage tank.			
Important: When filling out forms on	Α.	. Equipment Description			
the computer, use only the tab key to	1.	Facility identifiers: CLEAN HARBORS OF BRAINTREE INC			
move your cursor – do not use the		a. Facility name 34839 1190564			
return key.		b. DEP Account number c. Facility AQ identifier – SSEIS ID number			
	2.	Emission unit identifiers:			
return		AG TANK A6- 9,500 GAL WASTE STREAM A-31			
		a. Facility's choice of emission unit name – edit as needed			
		11 b. Facility's emission unit number / code – edit as needed c. DEP emissions unit # – SSEIS point #			
		b. Facility's emission unit number / code – edit as needed			
How to combine units ?		d. Combined Units – enter number of individual units			
	3.	Emission unit installation and decommission dates:			
		3/1/2011			
?		a. Installation date – estimate if unknown (mm/dd/yyyy) b. Decommission date (mm/dd/yyyy) – if applicable			
How to <b>delete</b> a unit ?		Complete only if the unit was shut down permanently or replaced since the last report.			
?	4.	Emission unit replacement:			
		a. Is this unit replacing another emission unit?			
		v 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:			
		Specify other 17.25 12.00 9500.0000			
		c. Height / Length – feet d. Diameter – feet e. Capacity – gallons			

✓ steel weld □ other weld □ rivet □ fiberglass □ gunite

6. Construction:

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

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					
		40799997				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	CHEMICAL STORAGE	3.250				
?	d. SC Code description – filled by eDEP  52	e. Vapor pressure in PSI at 25° C 6978.0000				
	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					
8.	New material stored (enter new material if contents	s changed during year of record):				
	OIL AND WATER					
	a. Name of material	E0200800				
	b. CAS number if single chemical	50300899 c. SC Code for standing / breathing loss				
	WASTE DISP-INDUS /TREATMENT, STORAGE	0.030				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	52	109647.0000				
	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					
В.	Notes and Attachments					
1.	Notes: please include in the space below any additions and principles	tional information that will help DEP understand				
	your submission.					
	2 Attachments: Check here to submit attachme	ents 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** 

2012
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	A.	Stack Description	n	Н	ow to report combined units/stacks: see 3b below	
the computer, use only the	1.	Facility identifiers:			ow to report combined drints, stacket code of below	
tab key to		CLEAN HARBORS OF	BRAINTREE INC			
move your cursor - do not		a. Facility name				
use the return		34839		1190564		
key.		b. DEP Account number		c. AQ identi	ifier – SSEIS ID number	
tab	2.	Stack identifiers: ?				
		1 STACK-2 FURNACES				
return		a. Facility's choice of stack nar	me – edit as needed			
		b Facilité de sécule recombes and	:4 d- d	9	ck # - old SSEIS stack #	
		b. Facility's stack number – ed	it as needed	c. DEP stac	CK # - 010 SSEIS STACK #	
	3.	Type: a. 🗹 vertical 🗌 vert	tical with rain cap/sleeve b. C	Combined stack	s – enter number of individual stacks:	
		5	28		0.6	
What to if data	4.	Dimensions:	Height in feet above the grou	nd	Internal Diameter in feet 15	
is unknown or unavailable?	5.	Gas exit velocity:	Low end - feet per second (0 <b>200</b>	.1 – 500)	High end - feet per second (0.1 – 500) <b>200</b>	
	6.	Exit temperature:	Low end - °Fahrenheit (50 -	1800)	High end - <sup>0</sup> Fahrenheit (50 – 1800)	
	7.	Stack liner material:	metal	y 🗌 other:		
	0	December data #	ann lianta.	Describe Of	ther	
How to delete a stack?	8.	Decommission date – if applicable: (mm/dd/yyyy) Complete only if the stack was permanently removed				
	В.	<b>Emission Units</b>	Associated with S	Stack – e	DEP 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,		EU#64-2 LENNOX	FURNACES SR 200	Q5-140/15	54	
enter the						

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)

	10 40 1 10/10 1	

Bureau of Waste Prevention - Air Quality

Year of record WP AQ AP-STACK DEP Stack # 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

### C. Notes and Attachments

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

THIS UNIT WAS REMOVED FROM SERVICE IN 2009, IT WAS NOT USED IN **CALENDAR YEAR 2012** 

### 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.

2012

Bureau of Waste Prevention - Air Quality

# VP AQ AP-STACK

Physical Vertical Stacks

2012
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 no
use the return



return	2
	3
?	4
What to if data is unknown or unavailable?	5
	6
	7

How to delete a stack?

A. Stack Desc	ription
---------------	---------

**CLEAN HARBORS OF BRAINTREE INC** 

a. Facility name 34839

b. DEP Account number

Facility identifiers:

Stack identifiers:

Gas exit velocity:

Exit temperature:

1190564

c. AQ identifier - SSEIS ID number

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

c. DEP stack # - old SSEIS stack #

0.8

Type: a. ✓ vertical vertical with rain cap/sleeve b. Combined stacks - enter number of individual stacks:

12 Dimensions: Height in feet above the ground

> Low end - feet per second (0.1 - 500)1150

> > Low end - <sup>0</sup>Fahrenheit (50 – 1800)

High end - feet per second (0.1 - 500)

How to report combined units/stacks: see 3b below

High end - <sup>0</sup> Fahrenheit (50 – 1800)

Internal Diameter in feet

✓ metal ☐ brick refractory ☐ other: Stack liner material:

Describe Other

8. Decommission date – if applicable:

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

## B. Emission Units Associated with Stack – eDEP Only

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

To assign an
emission unit
to this stack,
enter the
Stack Id No.
on the form
for the
emission uni

(i.e., AP1, AP2, or AP3).

Important:

EU#50-CUMMINS GENERATOR #2 (NT855G2, DIESEL)	
EU#55-CATERPILLAR GENERATOR #1	

Bureau of Waste Prevention - Air Quality

Year of record WP AQ AP-STACK DEP Stack # 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

2012

### 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.

Bureau of Waste Prevention - Air Quality

Decommission date – if applicable:

## BWP AQ AP-STACK

Physical Vertical Stacks

2012
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.



2.

3.

5.

6.

7.





How to delete a stack?



Α.	Stack Description	on		
1.	Facility identifiers:		How to re	eport combined units/stacks: see 3b below
١.	•			
	<b>CLEAN HARBORS OF</b>	BRAINTREE INC		
	a. Facility name			
	34839		1190564	
	b. DEP Account number		c. AQ identifier – S	SEIS ID number
2.	Stack identifiers: ?			
	2 DRUM CRUSHING LI	INES		
	a. Facility's choice of stack na	me – edit as needed		
	5		5	
	b. Facility's stack number – edit as needed		c. DEP stack # - c	old SSEIS stack #
3.	Type: a. vertical vertical vertical	rtical with rain cap/sleeve b. Com	bined stacks – ente	er number of individual stacks:
4	Dimensions	54	1.	.3
4.	Dimensions:	Height in feet above the ground	In	ternal Diameter in feet
_	0 " 1 "	54	5-	4
5.	Gas exit velocity:	Low end - feet per second (0.1 -	500) Hi	igh end - feet per second (0.1 - 500)
		60	60	0
6.	Exit temperature:	Low end - <sup>0</sup> Fahrenheit (50 – 180	D) Hi	igh end - <sup>0</sup> Fahrenheit (50 – 1800)
7.	Stack liner material:	metal	other:	
			Describe Other	

## 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.

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

Important:
To assign an
emission unit
to this stack,
enter the
Stack Id No.
on the form
for the
emission uni
(i.e., AP1,
AP2, or AP3).

EU#5-2 DRUM CRUSHING LINES

Bureau of Waste Prevention - Air Quality

Year of record WP AQ AP-STACK DEP Stack # 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

### C. Notes and Attachments

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

### THIS UNIT WAS NOT USED IN CALENDAR YEAR 2012

### 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 <b>cannot</b> be sent electronically, please list all such attachments
below and deliver them to DEP with a paper copy of this form.

2012

Bureau of Waste Prevention - Air Quality

# VP AQ AP-STACK

**Physical Vertical Stacks** 

2012
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	A.	Stack Description		
out forms on			How to report combined units/stacks: see 3b below	
the computer, use only the	1.	Facility identifiers:		
tab key to		CLEAN HARBORS OF BRAINTREE INC		
move your cursor - do not		a. Facility name		
use the return		34839	1190564	
key.		b. DEP Account number	c. AQ identifier – SSEIS ID number	
tab	2.	Stack identifiers:		
**		1 STACK - BOILER #1-CLEAVER BROOKS, NO	2 FUEL OIL	
		a. Facility's choice of stack name – edit as needed		
return		3	3	
		b. Facility's stack number – edit as needed	c. DEP stack # - old SSEIS stack #	
	3.	Type: a. ✓ vertical  vertical with rain cap/sleeve b. 0	Combined stacks – enter number of individual stacks:	
		35	1	
	4.	Dimensions: Height in feet above the grou	Internal Diameter in feet	

What to if data is unknown or unavailable?

4.	Dimensions:	Height in feet above the ground		Internal Diameter in feet	
_	Coo evit valoeitu	47		47	
5.	Gas exit velocity:	Low end - feet per second (0.1	- 500)	High end - feet per second (0.1 – 500) <b>450</b> High end - <sup>0</sup> Fahrenheit (50 – 1800)	
6.	Exit temperature:	<b>450</b> Low end - <sup>0</sup> Fahrenheit (50 – 18)	00)		
7.	Stack liner material:	✓ metal	other:	Tagar on a ramonion (co rocc)	
		,	_		
			Describe Other		



8. Decommission date – if applicable:

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

## B. Emission Units Associated with Stack – eDEP Only

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

Important:	EU#3-CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)				
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).					

Bureau of Waste Prevention - Air Quality

## WP AQ AP-STACK

Year of record DEP Stack # 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

2012

### 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.

Bureau of Waste Prevention - Air Quality

## BWP AQ AP-STACK

Physical Vertical Stacks

2012
Year of record
2
DEP Stack #
1190564
Facility AQ identifier

### Complete one AP-STACK form for EACH physical stack at the facility Important: A. Stack Description When filling out forms on How to report combined units/stacks: see 3b below the computer, 1. Facility identifiers: use only the tab key to **CLEAN HARBORS OF BRAINTREE INC** move your a. Facility name cursor - do not 34839 1190564 use the return c. AQ identifier - SSEIS ID number key b. DEP Account number 2. Stack identifiers: STACK #2- HURST BOILER, NO. 2 FUEL OIL a. Facility's choice of stack name - edit as needed 2 b. Facility's stack number - edit as needed c. DEP stack # - old SSEIS stack # Type: a. vertical vertical with rain cap/sleeve b. Combined stacks - enter number of individual stacks: 35 Dimensions: Internal Diameter in feet Height in feet above the ground What t 50 is unknown or Gas exit velocity: Low end - feet per second (0.1 - 500)High end - feet per second (0.1 - 500)unavailable? 212 Exit temperature: Low end - <sup>0</sup>Fahrenheit (50 - 1800) High end - <sup>0</sup> Fahrenheit (50 – 1800) ✓ metal ☐ brick refractory ☐ other: Stack liner material: Describe Other Decommission date – if applicable: (mm/dd/yyyy) Complete only if the stack was permanently removed How to delete a stack? 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

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.

mportant:	EU#2-HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S
Fo assign an emission unit of this stack,	
enter the Stack Id No.	
on the form for the emission unit	
i.e., AP1, AP2, or AP3).	

Bureau of Waste Prevention - Air Quality

Year of record WP AQ AP-STACK DEP Stack # 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

### 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.

2012

Bureau of Waste Prevention - Air Quality

## BWP AQ AP-STACK

Physical Vertical Stacks

2012
Year of record
10
DEP Stack #
1190564
Facility AQ identifier

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

### Important: A. Stack Description When filling out forms on How to report combined units/stacks: see 3b below the computer, 1. Facility identifiers: use only the tab key to **CLEAN HARBORS OF BRAINTREE INC** move your a. Facility name cursor - do not 34839 1190564 use the return c. AQ identifier - SSEIS ID number key b. DEP Account number 2. Stack identifiers: **CUT OFF ROOM** a. Facility's choice of stack name - edit as needed 10 10 b. Facility's stack number - edit as needed c. DEP stack # - old SSEIS stack # Type: a. vertical vertical with rain cap/sleeve b. Combined stacks - enter number of individual stacks: 18 **Dimensions:** Height in feet above the ground Internal Diameter in feet What t 15 is unknown or Gas exit velocity: Low end - feet per second (0.1 - 500)High end - feet per second (0.1 - 500)unavailable? Exit temperature: Low end - <sup>0</sup>Fahrenheit (50 – 1800) High end - <sup>0</sup> Fahrenheit (50 – 1800) Stack liner material: metal brick refractory other: Describe Other Decommission date – if applicable: (mm/dd/yyyy) Complete only if the stack was permanently removed How to delete a stack? 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).

Bureau of Waste Prevention - Air Quality

## WP AQ AP-STACK

Year of record 10 DEP Stack # 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

### C. Notes and Attachments

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

THIS ROOM IS USED TO PUMP FLAMMABLE DRUMS ONLY.

### 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 <b>cannot</b> be sent electronically, please list all such attachments
below and deliver them to DEP with a paper copy of this form.

2012

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-STACK**

**Physical Vertical Stacks** 

2012
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	A.	Stack Descripti	on		
out forms on the computer, use only the	1.	Facility identifiers:		Ho	ow to report combined units/stacks: see 3b below
tab key to		CLEAN HARBORS OF	BRAINTREE INC		
move your cursor - do not		a. Facility name			
use the return		34839		1190564	
key.		b. DEP Account number		c. AQ identi	fier – SSEIS ID number
tab	2.	Stack identifiers: ?	1		
•		STACK #1- INCINERATOR #1-VENT-O-MATIC			
		a. Facility's choice of stack n	ame – edit as needed		
return		1		1	
		b. Facility's stack number – e	edit as needed	c. DEP stac	k # - old SSEIS stack #
	3.	Type: a. 🗹 vertical 🔲 ve	ertical with rain cap/sleeve b. C	Combined stacks	s – enter number of individual stacks:
		<b>D</b> : .	185		1.2
(?)	4.	Dimensions:	Height in feet above the grou	und	Internal Diameter in feet
What to so if data is unknown or	_	One mit walanit w	21		21
unavailable ?	5.	Gas exit velocity:	Low end - feet per second (0	0.1 – 500)	High end - feet per second (0.1 - 500)
	_	Evit town a rational	240		240
	6.	Exit temperature:	Low end - <sup>0</sup> Fahrenheit (50 –	1800)	High end - <sup>0</sup> Fahrenheit (50 – 1800)
	7.	Stack liner material:   ✓ metal   brick refractory   other:			
				Describe Ot	her
How to delete a stack?	8.	Decommission date – i	f applicable: (mm/dd/	/yyyy) Complete	only if the stack was permanently removed
	В.	Emission Units	Associated with S	Stack – e	DEP Only
					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:	EU#1-STACK 1 POINT 1 SEGMENT
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).	

Bureau of Waste Prevention - Air Quality

WP AQ AP-STACK DEP Stack # 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

### C. Notes and Attachments

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

### **INCINERATOR #1-VENT-O-MATIC WAS NOT OPERATED IN 2012**

### 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 <b>cannot</b> be sent electronically, please list all such attachments
below and deliver them to DEP with a paper copy of this form.

2012

Year of record