

eDEP Transaction Copy

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Username: **CLEANHARBORS**

Transaction ID: 727439

Document: AQ Source Registration Package

Size of File: 2513.81K

Status of Transaction: Submitted

Date and Time Created: 3/29/2023:2:35:58 PM

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Bureau of Waste Prevention – Air Quality

Source Registration Overview

Create or Amend a Source Registration Forms Package

2014	
Year of Record	

1190564

Facility AQ identifier



A. Create a Source Registration Package

1.	Select	existing	or	new	tacı	lity	•
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Existing Facilities: To create a complete package for **2014** 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 2014 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: 23 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
	HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S	2	2	AP-1	2013
	CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)	3	3	AP-1	2013
/	CUMMINS GENERATOR #2 (NT855G2, DIESEL)	50	50	AP-1	2013
/	CATERPILLAR GENERATOR #1	55	55	AP-1	2013
	2 LENNOX FURNACES SR 20Q5-140/154	64	64	AP-1	2012
/	2 DRUM CRUSHING LINES	5	5	AP-2	2013
•	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
/	AG TANK A6- 9,500 GAL WASTE STREAM A-31	11	11	AP-4	2013
/	AG TANK A7- 9,500 GAL WASTE STREAM AA19 (NMP)	12	12	AP-4	2013
/	AG TANK A8 - 10,000 GAL TANK	13	13	AP-4	2013
/	AG TANK A9- 10,000 GAL WASTE STREAM FB1	14	14	AP-4	2013
	AG TANK A17B - 750 GAL	18	18	AP-4	2011

Additional units (if any) listed on following pages



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	Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form Last update
	AG TANK A22 (2,400 GAL), PCB	23	23	AP-4 2013
/	AG TANK A23 (2,400 GAL), PCB	24	24	AP-4 2013
/	AG TANK A24 (2,400 GAL), PCB	25	25	AP-4 2013
~	AG TANK A25 (1,000 GAL), PCB	26	26	AP-4 2013
	AG TANK A13 (4,000 GAL), DIESEL LOW SULF	51	51	AP-4 2013
~	AG TANK A12 (6,300 GAL), NO. 2 FUEL OIL	52	52	AP-4 2013
	AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS	53	53	AP-4 2013
	AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS	54	54	AP-4 2013
	AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS	57	57	AP-4 2013
	AG TANK B7- POLYOLEFIN H TANKS WASTEWATER NO VOCS	60	60	AP-4 2013
/	STACK #1- INCINERATOR #1-VENT-O-MATIC	1	1	AP-STAC 2013
/	STACK #2- HURST BOILER, NO. 2 FUEL OIL	2	2	AP-STAC 2013
/	1 STACK - BOILER #1-CLEAVER BROOKS, NO 2 FUEL OIL	3	3	AP-STAC 2013
/	2 DRUM CRUSHING LINES	5	5	AP-STAC 2013
/	1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR	7	7	AP-STAC 2013
	1 STACK-2 FURNACES - LENNOX	9	9	AP-STAC 2012
	CUT OFF ROOM	10	10	AP-STAC 2013
_	• 10/17/2005 Sc			Dyonyiow • Pago 2 of 3



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Source Registration Overview Create or Amend a Source Registration Forms Package

	Emission unit name	Facility's ID#	DEP#	AP form	Last update
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Bureau of Waste Prevention - Air Quality

BWP AQ AP-SR

Source Registration

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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	activity occurs	. 🛜	
••	CLEAN HARBORS OF BRAINTREE INC	donvity occurs	. 1	
	a. Facility Name			
	1 HILL AVE			
	b. Facility Street Address Line 1			
	c. Facility Street Address Line 2			
	BRAINTREE	MA	0218400	
	d. City/Town 7813807100	e. State 78138071	f. Zip Code)
	g. Facility Phone Number	h. Facility Fa		
2.	Mailing address: ✓ same address as facility address 1 HILL AVE a. Facility Mailing Address / PO Box Line 1			
	b. Facility Mailing Address / PO Box Line 2 BRAINTREE	MA	0218400	200
	c. City/Town	d. State	e. Zip Cod	
3. 4.	Facility type – check one: ☐ Utility Private ☐ Tribal ☐ Federal ☐ ORIS Facility Code - for large electrical utilities only:	State L	ocal Govern	nment
5.	ID numbers: 34839 a. DEP Account number / FMF Facility #	1190564 b. Facility AC	Q identifier – SS	SEIS ID number
6.	Location (check box to enter either UTM OR Lat/L			de/Longitude 70.97294 6
	c. UTMHorizontal - meters d. UTM Vertical - meters e. UTM Zone Valid Ranges:	f. Latitude 42		g. Longitude – West 73.5° - 69.8° Enter positive values only.

location data?



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7.	North American In	dustry Classification System	em (NAICS) 6 digits:	
	562211		om (range) on green	
	a. (Primary)	b.	<u>C.</u>	d.
8.	Facility descriptio needed):	n (what is being produced	and how it is being pr	oduced at this facility – upd
	CLEAN HARBOR AT THIS FACILIT		S A HAZARDOUS W	ASTE TSDF. NO PRODU
9.	Facility's normal h	ours of operation:		
	12:00 AM	12:00 AM	✓ c Continu	uous - 24 x 7 x 52
	a. Start time	b. End Time	<u>⊮</u> c. Conun	JUUS - 24 X / X 32
	d. Which days is t	he facility open?		W WT WF WS
10	. Number of employ	yees: <u>15</u>	?	
11.	. Facility Owner:	same address as facility r		
		ur DEP Regional Office if	the ownership of this f	acility has changed.
	a. Owner or Corporation	RS OF BRAINTREE INC		
	1 HILL AVE	on radino		
	b. Mailing Address Lin	e 1 (for owner or corporation) NCE MANAGER		
	c. Mailing Address Lin	e 2		
			MA	021841363
	BRAINTREE			_
	d. City/Town		e. State	f. Zip Code
				_

i. Extension

h. Owner Phone Number

alicandro.gary@cleanharbors.com

k. Owner E-mail Address

7813807193

j. Owner Fax Number

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



Owner?



BWP AQ AP-SR

2014 Year of Record 1190564

Sc	ource Registration			Facility AQ Identifier			
Α.	Facility Information (cont.))					
12.	Facility contact information:	same address a same address a	as facility m				
	a. Facility Contact First Name 1 HILL AVE		Contact L	Last Name			
	b. Mailing Address Line 1						
	c. Mailing Address Line 2						
	BRAINTREE		MA	021840000			
	d. City/Town		e. State	f. Zip Code			
	USA			dro.gary@cleanharbors.com			
	g. Country	7404		il Address			
	7813807100 i. Phone Number	7134 j. Extension		'813807193 . Fax Number			
3.	Air emissions information contact:			contact name and address			
	GARY P.	_ oanie		NDRO, CHMM			
	a. Air emissions contact First Name			sions contact Last Name			
	1 HILL AVE						
	b. Mailing Address Line 1						
	c. Mailing Address Line 2						
	BRAINTREE		MA	021840000			
	d. City/Town USA		e. State	f. Zip Code dro.gary@cleanharbors.com			
	g. Country			il Address			
	7813807100	7134		813807193			
	i. Phone Number	j. Extension	<u>k.</u>	. Fax Number			
3.	Preparer						
	Identification information for preparer	of this submit	tal:	same as facility air emissions contact nam and address			
				same as facility contact name and address same address as facility address			
	DAVID S.		MEDIN	NA			
	a. Preparer First Name CLEAN HARBORS ENVIRONMENTAL SERVICES						
	b. Mailing Address Line 1	CLIVIOL					
	42 LONGWATER DRIVE						
	c. Mailing Address Line 2						
	NORWELL		MA	020619149			
	d. City/Town	· 	e. State	f. Zip Code			
	USA			ad@cleanharbors.com			
	g. Country			il Address			
	7817925174	: Ewant		7817921030			
	i. Phone Number	j. Extension	K.	. Fax Number			



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Source Registration

2014

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C. Notes and Attachments

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

2. Attachments:

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

D. Certification



Who is a Responsible Official?

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

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

Signed under the pains and penalties of perjury:

David S. Medina

Signature of Responsible Official

3/16/2015

Date

eDEP enters these fields automatically on submission.

Responsible official – complete all fields below:

DAVID S.

a. Print First Name

MEDINA

b. Print Last Name

COMPLIANCE MANAGER

c. Title

7817925174

d. Phone Number

medinad@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

Important:

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





1. Facility Identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility name

34839

1190564

c. Facility AQ identifier - SSEIS ID number

b. DEP Account 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	.0379	.0253	.4625	.4493	.1042
	eDEP only:	Tons	Tons	Tons	Tons	Tons
	Actual for year of record:	0.0416	0.0314	0.3803	0.5183	0.1177
		Tons	Tons	Tons	Tons	Tons
	Potential emissions at max	9.8771	9.3414	11.3550	135.9414	29.1489
	capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
<u> </u>	Facility-wide max allowed				17.3	
?	emissions – annual:	Tons	Tons	Tons	Tons	Tons
5 5	Facility-wide max allowed				9400	
Suc	emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
estrictions on	Short term period:			_	MONTH	
est	Basis: DEP approval				MBR-95-RES-047	
	number or regulation:		-			-
	Pollutant:	voc	нос	*Reserved*	NH3	☐ *Reserved*
	Actual for previous year	.0817	0	0	.025	
	eDEP only:	Tons	Tons	Tons	Tons	Tons
	Actual for year of record:	0.0494	0	0	0.0311	
		Tons	Tons	Tons	Tons	Tons
	Potential emissions at max	22.8238	0	0	0.7437	
	capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Facility-wide max allowed	36.2				
	emissions – annual:	Tons	Tons	Tons	Tons	Tons
	Facility-wide max allowed	23600				
only			Daniel I	Pounds	Pounds	Pounds
ons only	emissions - short term:	Pounds	Pounds			
rictions only		Pounds MONTH	Pounds			
estrictions only	emissions - short term:		Pounds			



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2014 Year of record 1190564 Facility AQ identifier

Total Emissions Statement & Hazardous Air Pollutant List

A. Annual Total Emissions Statement (con
--

4.	if you have facility-wide fuel, raw material, or product restrictions, complete the following for each:						
a.	EXEMPT	111252	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 of	or product restricted					
b.	MBR-89-COM-31	300	HOUR	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 of	or product restricted					
C.	MBR-86-COM-027	376680	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						
В.	Greenhouse Gas	List					

?
GHG thresholds
- what to report
and what not to
report here

1.		Please indicate which – if any - of the following greenhouse gas chemicals are used and/or emitted by checking the appropriate box:							
	Use	Emitted	Use	Emitted					
	\sqcup	☐ Nitrous oxide N2O		Hydrofluorocarbons (HFC's)					
	1 1	Sulfur Hexafluoride (SF6)		Perfluorocarbons (PFCs)					

C. Hazardous Air Pollutant (HAP) List

?
HAP thresholds
- what to report
and what not to
report here

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

~	yes -	indicate which	ch chemicals	are used	d and whic	h are em	nitted by ch	ecking the a	appropriate I	boxes
	no -	skip to section	n D.							
		•								

(?
What	is a HAP?

		Hazardous Air Pollutants				Hazardous Air Pollutants	
Use	Em	itted	CAS#	Use	Em	itted	CAS#
		Acetaldehyde Acetamide Acetonitrile Acetophenone 2-Acetylaminofluorene Acrolein Acrylamide Acrylic acid Acrylonitrile	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

2014 Year of record 1190564

Facility AQ identifier

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

Use	Emi	tted	CAS#	Use	Emi	tted	CAS#
		Biphenyl	92-52-4			2,4-Dinitrotoluene	121-14-2
	~	Bis(2-ethylhexyl)phthalate	117-81-7		<u></u>	1,4-Dioxane (1,4-Diethyleneoxide)	123-91-1
		Bis(chloromethyl)ether	542-88-1			1,2-Diphenylhydrazine	122-66-7
	V	Bromoform	75-25-2		~	Epichlorohydrin (1-Chloro-2,3-epoxypropane)106-89-8
		1,3-Butadiene	106-99-0		~	1,2-Epoxybutane (1,2-Butylene oxide)	106-88-7
		Calcium cyanamide	156-62-7		V	Ethyl acrylate	140-88-5
		Captan	133-06-2		V	Ethyl benzene	100-41-4
	V	Carbaryl	63-25-2		V	Ethyl carbamate (Urethane)	51-79-6
	V	Carbon disulfide	75-15-0			Ethyl chloride (Chloroethane)	75-00-3
	V	Carbon tetrachloride	56-23-5			Ethylene dibromide (1,2-Dibromoethane)	106-93-4
	V	Carbonyl sulfide	463-58-1		V	Ethylene dichloride (1,2-Dichloroethane)	107-06-2
	V	Catechol	120-80-9		V	Ethylene glycol	107-21-1
		Chloramben	133-90-4		V	Ethylene imine (Aziridine)	151-56-4
	V	Chlordane	57-74-9		V	Ethylene oxide	75-21-8
	~	Chlorine	7782-50-5			Ethylene thiourea	96-45-7
	V	Chloroacetic acid	79-11-8			Ethylidene dichloride (1,1-Dichloroethane)	75-34-3
		2-Chloroacetophenone	532-27-4		~	Formaldehyde	50-00-0
	~	Chlorobenzene	108-90-7		~	Heptachlor	76-44-8
		Chlorobenzilate	510-15-6			Hexachlorobenzene	118-74-1
	~	Chloroform	67-66-3			Hexachloro-butadiene	87-68-3
		Chloromethyl methyl ether	107-30-2			Hexachlorocyclopentadiene	77-47-4
		Chloroprene	126-99-8		~	Hexachloroethane	67-72-1
	~	Cresols (mixed isomers)	1319-77-3			Hexamethylene-1,6-diisocyanate	822-06-0
	~	m-Cresol	108-39-4			Hexamethylphosphoramide	680-31-9
	V	o-Cresol	95-48-7		V	Hexane	110-54-3
	~	p-Cresol	106-44-5		~	Hydrazine	302-01-2
	V	Cumene	98-82-8		V	Hydrochloric acid	7647-01-0
	V	2,4-D, salts and esters	94-75-7		V	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		V	Maleic anhydride	108-31-6
	~	1,4-Dichlorobenzene	106-46-7		V	Methanol	67-56-1
		3,3-Dichlorobenzidene	91-94-1		V	Methoxychlor	72-43-5
		Dichloroethylether (Bis(2-chloroethyl)ether)			V	Methyl bromide (Bromomethane)	74-83-9
		1,3-Dichloropropene (1,3-Dichloropropylene)			~	Methyl chloride (Chloromethane)	74-87-3
		Dichlorvos	62-73-7		~	Methyl chloroform (1,1,1-Trichloroethane)	
	~	Diethanolamine	111-42-2		~	, , ,	78-93-3
		N,N-Diethyl aniline (N,N-Dimethylaniline)	121-69-7			Methyl hydrazine	60-34-4
		Diethyl sulfate	64-67-5			Methyl iodide (Iodomethane)	74-88-4
		3,3-Dimethoxybenzidine	119-90-4		V	Methyl isobutyl ketone (Hexone)	108-10-1
		Dimethyl aminoazobenzene	60-11-7			Methyl isocyanate	624-83-9
		3,3-Dimethyl benzidine	119-93-7		~	Methyl methacrylate	80-62-6
		Dimethyl carbamoyl chloride	79-44-7		~	Methyl tert-butyl ether	1634-04-4
	~	Dimethyl formamide (N,N-)	68-12-2		~	4,4-Methylenebis(2-chloroaniline)	101-14-4
		1,1-Dimethyl hydrazine	57-14-7		~	Methylene chloride (Dichloromethane)	75-09-2
		Dimethyl phthalate	131-11-3			Methylene diphenyl diisocyanate(MDI)	101-68-8
	~	Dimethyl sulfate	77-78-1			4,4-Methylenedianiline	101-77-9
		4,6-Dinitro-o-cresol and salts	534-52-1		~	Naphthalene	91-20-3
		2,4-Dinitrophenol	51-28-5			Nitrobenzene	98-95-3



Bureau of Waste Prevention - Air Quality

BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

Year of record
1190564
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C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emitted	CAS#	Use	Emitted	CAS#
	☐ 4-Nitrobiphenyl	92-93-3		☑ Vinylidene chloride (1,1-Dichloroethylene)	75-35-4
	4-Nitrophenol	100-02-7		✓ Xylene (mixed isomers)	1330-20-7
	2-Nitropropane	79-46-9			108-38-3
	☐ N-Nitrosodimethylamine	62-75-9		□ o-Xylene	95-47-6
	☐ N-Nitrosomorpholine	59-89-2		☑ p-Xylene	106-42-3
	☐ N-Nitroso-N-methylurea	684-93-5		☑ Antimony	7440-36-0
	☐ Parathion	56-38-2	_		
	☐ Pentachloronitrobenzene (Quintozene)	82-68-8	Arse	nic compounds:	
	☐ Pentachlorophenol	87-86-5		☑ Arsenic	7440-38-2
	☑ Phenol	108-95-2		☑ Arsine	7784-42-1
	□ p-Phenylenediamine	106-50-3	_		
	☐ Phosgene	75-44-5	Othe	er Metals:	
	☐ 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		☐ Coke oven emissions	
	☑ Quinoline	91-22-5	_		
	Quinone	106-51-4		☑ Cyanide compounds (XCN where X=	H or any other
	☑ Styrene	100-42-5	_	group where a formal dissociation ma	•
	☐ Styrene oxide	96-09-3		☐ Hydrogen cyanide	74-90-8
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	_	_ ,g,	
	1,1,2,2-Tetrachloroethane	79-34-5		☑ Glycol ethers (include mono- and di-	esters of ethylene
	☑ Tetrachloroethylene (Perchloroethylene)		_	glycol, diethylene glycol, and triethyle	•
	☐ Titanium tetrachloride	7550-45-0		(OCH2CH2)n-OR' where $n = 1, 2, or$	0,
	기 Toluene	108-88-3		less; or R= phenyl or alkyl substituted	
	☐ Toluene-2,4- diamine	95-80-7		alkyl C7 or less; or OR' consisting of	,
		584-84-9	_	ester, sulfate, phosphate, nitrate or su	
	□ o-Toluidene	95-53-4		Fine mineral fibers (includes glass mi	
	✓ 1,2,4-Trichlorobenzene	120-82-1		wool fibers, rock wool fibers and slag	
	☑ 1,1,2-Trichloroethane	79-00-5		characterized as "respirable" (fiber dia micrometers) and possessing an asp	
	☑ Trichloroethylene	79-01-6		length divided by fiber diameter) > 3)	Sol ratio (iibci
	2,4,5-Trichlorophenol	95-95-4		Polycyclic Organic Matters (POM) (in	cludes organic
	☐ Triethylamine	121-44-8	_	compounds with more than one benz	•
	☐ Trifluralin	1582-09-8		which have a boiling point greater tha	O /
	2,2,4-Trimethylpentane	540-84-1		C)	•
	✓ Vinyl acetate	108-05-4		☐ Radionuclides (a type of atom which	spontaneously
	☐ Vinyl bromide	593-60-2		undergoes radioactive decay)	



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

2014 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?
	✓ yes □ no
4.	Are you required to report HAP emissions here for any other reason? (e.g., a permit condition)
	☐ yes 🗹 no
5.	If you answered "yes" to any of the questions 1- 4 above you need to report your single largest HAP emissions and your total HAP emissions for the year. You also need to report emissions for any HAP for which you have an emissions restriction. eDEP will generate additional pages needed to enter that data. If you wish to submit additional HAP data, you may add them to the HAP pages that follow or in the attachments and notes sections below.
E.	Notes and Attachments
1.	Notes: Please include in the space below any additional information that will help DEP understand your submission.
2.	Attachments:
	Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will



Bureau of Waste Prevention - Air Quality

BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

2014 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	LEAD COMPOUNDS	METHANOL
HAP emissions?	CAS # for individual HAPs if applicable:	107211	195	67561
	Actual for previous year eDEP only:	.038 Tons	.087 Tons	.088 Tons
	Actual for year of record:	0.5160	0.0010	0.1330
	Potential emissions at max	Tons 12.8	Tons 12.8	Tons 12.8
	capacity uncontrolled:	Tons	Tons	Tons
<u> </u>	Maximum allowed emissions – annual:	18.6 Tons	Tons	
ty-wic only	Maximum allowed emissions – short term:	5000 Pounds	Pounds	5000 Pounds
er facility-wide limits only	Short term period:	MONTH	_	MONTH
?	Basis for max allowed – DEP approval # or regulation:	MBR-95-RES-047	_	MBR-95-RES-047
		НАР	HAP	НАР
	HAP name:	TOLUENE		
	CAS # for individual HAPs if applicable:	108883		
	Actual for previous year eDEP only:	.035 Tons	Tons	Tons
	Actual for year of record:	0.0440 Tons	Tons	Tons
	Potential emissions at max capacity uncontrolled:	12.8 Tons	Tons	Tons
	Maximum allowed	18.6	10110	10110
wide	emissions – annual: Maximum allowed	Tons 5000	Tons	Tons
er facility-wide limits only	emissions – short term:	Pounds MONTH	Pounds	Pounds
Ster farities	Short term period: Basis for max allowed – DEP approval # or regulation:	MBR-95-RES-047		

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

2014
Year of record
1190564
Facility AQ identifier

G. Total Hazardous Air Pollutant (HAP) Emissions

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

Facility-Wide Total HAP Emissions

 a. Actual for previous year eDEP only: 	.4314	
	Tons	_
b. Actual for year of record:	0.5017	
	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
	 b. Actual for year of record: c. Potential at max capacity uncontrolled: d. Max allowed emissions – annual: e. Max allowed emissions – short term: f. Short term period: 	b. Actual for year of record: c. Potential at max capacity uncontrolled: d. Max allowed emissions – annual: e. Max allowed emissions – short term: f. Short term period: Tons 53.6000 Tons 18.6 Tons 10600 Pounds MONTH



Emission Unit - Fuel Utilization Equipment

2014 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	Description
--------------	-------------

1.	Facility identifiers:			
	CLEAN HARBORS OF BRAINTREE INC			
	a. Facility name			
τ	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 Appl	rovals? ☐ yes 🗹 no		
5.	If exempt from Plan Approval, indicate reason why	(le g_cite a specific DEP regulation):		
Э.	ii exempt nom i lan Approval, indicate reason why	(c.g., one a specific DET Tegulation).		
	Reason for exemption			
? 6.	Emission unit installation date and decommission date:			
	5/4/1989			
	a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable		
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	umber 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 requ	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	ual 🗹 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

2014
Year of record
55
DEP EU# (old Point #)
1190564
Facility AO identifier

A. Equipment Description (cont.)

9.	Equipment:	?	EPA Unit T	ype Code (eDEP o	only): RECIPROCATI	NG IC ENGINE
	a. Type:] boiler [furnace	✓ engine oth	ner:	
9	If engine, is	this an en				ment type
	I CATERPILI	LAR			 3412DIT	
	b. Manufacture				c. Model number	
	-	ating MMBtu/l	hr (must be gre	eater than 0)		ter "0" if not applicable)
		-			_	_
	t. Type of b	urner – che	eck one:		_	☐ steam atomizer
				<u></u>	☐ traveling grate	hand fired
				other:	"other" burner type	
					N/A	
	-	ufacturer			h. Burner model number	
		lation date (r	mm/dd/yyyy)			
					er week d. N	Number of weeks per year
	e. Percent of		-		· ·	
	0.0		7.0	11.0		
	9.0 Q1	73.0 Q2	_	Q4	Sum of Q1+Q2+Q3+Q4 r or 0% if the unit was not of	
11.	Q1	Q2	Q3	Q4	or 0% if the unit was not of	
11.	Q1	Q2	Q3		or 0% if the unit was not of	
11.	Q1 Ozone seas	Q2 son operati	Q3 ion schedule	Q4	or 0% if the unit was not of September 30:	operated for any quarter
	Q1 Ozone seas 5	Q2 son operati	Q3 ion schedule	Q4 e – May 1 through 3 1 b. Ozone season day	or 0% if the unit was not of September 30:	/eeks operated in ozone season
	Q1 Ozone seas 5 a. Ozone seas Emission re	Q2 son operati	Q3 ion schedule day at – select or	Q4 e – May 1 through 3 b. Ozone season day ne: ? Eng	September 30: Septem	/eeks operated in ozone season
	Q1 Ozone seas 5 a. Ozone seas Emission re	Q2 son operations on hours perelease points k Release	Q3 ion schedule day at – select or	Q4 e – May 1 through 3 b. Ozone season day ne: P	September 30: Septem	/eeks operated in ozone season
	Q1 Ozone seas 5 a. Ozone seas Emission re Non-Stac fugitive engine	Q2 son operations on hours perelease points k Release	Q3 ion schedule day at – select of	Q4 e – May 1 through 3 b. Ozone season day ne: Pent acing vent	September 30: Septem	/eeks operated in ozone season
12.	Q1 Ozone seas 5 a. Ozone seas Emission re Non-Stac fugitive engine vertica	Q2 son operations on hours per elease point k Release e	Q3 ion schedule day nt – select or Points: horizontal verdownward fant less than nt, skip to ques	Q4 e – May 1 through 3 b. Ozone season day ne: Eng ent acing vent 10ft	September 30: September 4: Sept	/eeks operated in ozone season
12.	Q1 Ozone seas 5 a. Ozone seas Emission re Non-Stac fugitive engine vertica If Non-Stack Link this uni	Q2 son operations on hours per elease point k Release e	Q3 ion schedule day nt – select or Points: horizontal verdownward fart less than nt, skip to quessical stack (i	Q4 e – May 1 through 3 b. Ozone season day ne: Eng ent acing vent 10ft	September 30: September 4: Septe	/eeks operated in ozone season
	?	a. Type: CATERPILI b. Manufacture 5.3480 d. Max input ra f. Type of be CATERPILI g. Burner man 6/1/1989 i. Burner instal 10. Hours of op 2 b. Number of h	a. Type: boiler If engine, is this an engent of the control of	a. Type: boiler furnace If engine, is this an emergency gency of the complete control of the control of th	a. Type: boiler furnace engine oth If engine, is this an emergency generator? yes CATERPILLAR b. Manufacturer 5.3480 d. Max input rating MMBtu/hr (must be greater than 0) f. Type of burner – check one: rotary air atomizer other: CATERPILLR g. Burner manufacturer 6/1/1989 i. Burner installation date (mm/dd/yyyy) 10. Hours of operation for the emission unit: a check	a. Type: boiler furnace engine other: If engine, is this an emergency generator? yes Describe "other" equip no CATERPILLAR 3412DIT



BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

2014 Year of record 55 DEP EU# (old Point #) 1190564 Facility AQ identifier

. Equipment bescripti	on (cont.)	
4. 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

	• •	,	
?	14. Is there a pollution control device	e 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)
	h. Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)
(ter for all pollutants that the device	e was designed to control:
PM 10	% Overall eff.	% Overall eff.	% Overall eff.
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
SO2			
CC	% Overall eff.	% Overall eff.	% Overall eff.
00	% Overall eff.	% Overall eff.	% Overall eff.

	h. Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)
<u>~</u>	i. Percent overall efficiency - ent	er for all pollutants that the device v	vas designed to control:
PM 10			
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
СО			
VOC	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3			
HOC	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	% Overall eff.
Hg			
Pb	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
	Specify "Other"	Specify "Other"	Specify "Other"



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

Bureau of Waste Prevention - Air Quality

A. Equipment Description (cont.)

55 DEP EU# (old Point #) 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

2014

Year of record

How to delete 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 ?	(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:	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:

Describe "other"

Describe "other"

Describe "other"



BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2014 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 #		
	١.		Fuel name		
? How does eDEF andle multiple uels?		Number of fuels for this unit (previous records): 1	1		
			DEP Fuel #		
	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).	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 ?	be followed from the drift in the flext report eyele.		
		a Course Classification Code (CCC)	20200102		
		a. Source Classification Code (SCC) (see instructions):	SC Code (call DEP if SC code will not validate)		
		(see instructions).	IC ENGINE- RECIP- DIESEL		
			SCC Code Description – filled by eDEP		
		h Type of fuel shook one.	SCC Code Description - Tilled by eDEF		
		b. Type of fuel – check one:	□ no.2 □ no.4 □ no.6		
			110.1		
			✓ diesel ☐ coal ☐ natural gas		
		Note: The option to have eDEP calculate your			
		emissions is not available if your fuel type is "other".	iet fuel other - describe:		
		, .,	—· —		
			Describe "other" fuel		
		c. Sulfur content for oils and coal $(0 - 2.2)$:	.0401		
		c. Sulfur content for one and coar (0 – 2.2).	Percent by weight		
		d. Ash content for oils and coal (0 -10):	0		
Note for e:		d. Ash content for one and coar (0 - 10).	Percent by weight		
Enter the			r crock 27 holy h		
Maximum					
Fuel Rate at which the		e. Maximum hourly fuel rate for all firing burners:	0.0380 1000 GALLONS		
unit can burn		c. Maximum nouny fuor fato for all filling burners.	Amount Units per hour		
fuel (its			Enter "0" if unit decommissioned prior to this Year of Record.		
absolute uncontrolled			Effet of it drift decontinissioned prior to this Tear of Necord.		
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			Most recent for this fuel		
rate nor any					
restricted (allowable)					
rate.		h. Annual use restriction (amount or hours):	300 EACH-YEAR		
		For this fuel	Quantity Units		
		i. Short term use restriction (amount or hours):	24 DAY		
		For this fuel	Quantity Units		
			Per: month week 🗹 day hour		
			CAUTION: check your amount vs.units		
	2.	Annual usage:	1.0450 1000 GALLONS		
	ے.	•	a. Amount – year of record b. Units		
		Enter "0" if not used in the year of record	.665 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:

2014
Year of record
55
DEP EU# (old Point #)
1190564

Facility AQ identifier



Part 75 Requirements

□ NO2 Pollutant: ☐ PM10 ☐ PM2.5 ☐ SO2 0.0141 0.0141 0.0040 0.2009 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0222 0.0222 0.0062 0.3157 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	0.0433	0.0155	0.0141	
	eDEP only:	Tons	Tons	Tons	Tons
	A stood for one of mount	0.0680	0.0243	0.0222	
	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 –				
<u></u>	annual:	Tons	Tons	Tons	Tons
For this fuel only	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
this	Short term period (or MMBtu):				
PO	Basis – DEP approval number or regulation:	MBR-89-COM-31	MBR-89-COM-31	MBR-89-COM-31	



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

_			_	
В.	Fuels a	and Emis	sions	(cont.)

2014
Year of record
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DEP EU# (old Point #)
1190564
Facility AQ identifier

	\mathfrak{I}
	K J
•	

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

0.1735	2.2508
a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
check to enter your own values	check to enter your own values

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

C. Notes and Attachments

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

2. Attachments:

Check here to submit attachments to this form (e.g., calculations) - add a note in the field above
indicating what is attached. For eDEP on-line filers, this will create a new step on your Current
Submittal Page where you can attach electronic files to your submittal. Please list attachments
that cannot be sent electronically in the notes field above and deliver them to DEP with a paper
copy of this form.



Emission Unit - Fuel Utilization Equipment

2014 Year of record 50 DEP EU# (old Point #) 1190564

Facility AQ identifier

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





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

A. Equipment D	Description
----------------	-------------

1.	Facility identifiers:	
	CLEAN HARBORS OF BRAINTREE INC	
	a. Facility name	4400504
	b. DEP Account number	1190564 c. Facility AQ identifier – SSEIS ID number
2		
2.	Emission unit identifiers:	
	a. Facility's choice of emission unit name – edit as needed	
	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:	Y
	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 Appro	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	
	Reason for exemption	
6.	Emission unit installation date and decommission date	ate:
,	8/1/1999	
	a. Installation date – estimate if unknown (mm/dd/yyyy)	 b. Decommission date (mm/dd/yyyy) – if applicable Complete only if the unit was shutdown permanently or
7.	Emission unit replacement:	replaced since the last report.
	a. Is this unit replacing another emission unit?	
	✓ no	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	l 🔽 4. Annual 🗹 5. RES
	(include Operating Permit and Plan Approval reports, but not exc	_
	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

2014 Year of record 50 DEP EU# (old Point #) 1190564 Facility AQ identifier

A. Equipment Description (cont.)

?	9.	Equipment	t: 🕐	EPA Unit T	ype Code (eDEP o	only): RECIPRO	CATIN	G IC ENGINE
How to report on combined		a. Type:	☐ boiler ☐	furnace	✓ engine	☐ oth	ner:		
units?	9	_	is this an en		•	yes	Describe "other	" equipm	nent type
		CUMMINS			_	_ ,	 125-DGEA		
		b. Manufactu					c. Model number		
?		1.6880 d. Max input	rating MMBtu/h	nr (must be gre	eater than 0)		e. Number of burne	ers (ente	r "0" if not applicable)
What to do			-		_				<u></u>
unknown or not available ?		f. Type of t	burner – che	eck one:	∐ rotar	-	mech. atom		☐ steam atomizer
not avallable ?							traveling gra	ate	hand fired
					other	r:	"other" burner type		
		g. Burner ma	nufacturer				h. Burner model nu	mher	
							n. Bamor moderna		
		i. Burner insta	allation date (r	mm/dd/yyyy)					
	10.	Hours of o	peration for	the emission	on unit:	a. 🗌 cl	heck if continuou	ısly op	erated – 24 x 7 x 52
<u> </u>		1			1			10	
		b. Number of	hours per day		c. Number of	of days pe	er week	d. Nu	ımber of weeks per year
		e. Percent	of total ann	-	n that occu	ırs in ea	ach calendar qua	arter:	
		20.0 Q1	47.0 Q2	33.0	$-\frac{0.0}{Q4}$		Sum of Q1+Q2+Q3 or 0% if the unit wa		ust = 100%, erated for any quarter
				Q3				.0 .101 0p	oratou for any quarto.
	11.		ison operati	on schedule	e – May 1 tř	nrough	September 30:	4	
		a. Ozone sea	son hours per	dav	b. Ozone se	eason dav	ys per week	c. We	eks operated in ozone season
				,			, - , - , - , - , - , - , - , - , - , -		
					_				
	12.	Emission r	elease poin	t – select or	ne: ?	Eng	jines click here for in	struction	ns:
		Non-Sta	ck Release	Points:		F	hysical Stacks:		
		fugitiv		norizontal ve			vertical stack		
			e exh. □ d al stack/ven	downward fa			vertical with ra	in cap	/sleeve
	13.		ck release poin) – pick	from the list bel	ow:	
				•			TERPILLAR		
		Facility's stac	k identifier fror	m STACK form	- to change s	stack nam	ne use STACK form		
		If the stack for	or this unit is no	ot listed, save a	and exit this fo	rm now a	nd complete a new	Stack for	m before completing to this form.



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

A Equipment Description (cont.)

Year of record
50
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	Α.	Equipment Description	on (cont.)	
?	14.	Is there a pollution control device	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
		a. Type	Туре	Туре
Do not leave blank – if unknown		b. Manufacturer	Manufacturer	Manufacturer
write 'unknown' or		c. Model number	Model number	Model number
estimate	<u>7</u>	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 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)
DM 46	?	i. Percent overall efficiency - er	nter for all pollutants that the device	was designed to control:
PM 10 PM 2.5		% Overall eff.	% Overall eff.	% Overall eff.
SO2		% Overall eff.	% Overall eff.	% Overall eff.
		% Overall eff.	% Overall eff.	% Overall eff.
VOC		% Overall eff.	% Overall eff.	% Overall eff.
NO2		% Overall eff.	% Overall eff.	% Overall eff.
NH3		% Overall eff.	% Overall eff.	% Overall eff.
HOC		% Overall eff.	% Overall eff.	% Overall eff.
НҮС		% Overall eff.	% Overall eff.	% Overall eff.
		% Overall eff.	% Overall eff.	% Overall eff.
Hg Pb		% Overall eff.	% Overall eff.	% Overall eff.
Othe		% Overall eff.	% Overall eff.	% Overall eff.
Othe	'	% Overall eff.	% Overall eff.	% Overall eff.

Specify "Other"

Specify "Other"

Specify "Other"



Bureau of Waste Prevention - Air Quality

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Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

Year of record
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2014

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

How to delete 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:	Describe "other"	Describe "other"	Describe "other"	
	c. Model number:				
	d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation	
	e. Installation date:				
	f. DEP approval #:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)	
f, g, h blank if not	g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)	
applicable.	h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)	
	i. Recorder ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no	
	j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no	
7	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"



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Emission Unit – Fuel Utilization Equipment

2014 Year of record 50 DEP EU# (old Point #) 1190564 Facility AQ identifier

B. Fuels and Emissions

		First Name / Observatoristics	GENERATOR #2-CUMMINS #NT855G2- #2 OI
	1.	Fuel Name / Characteristics:	Fuel name
		Number of fuels for this unit (previous records): 1	1
2			DEP Fuel #
low does eDEF andle multiple uels?	o	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 ?	so removed hem and annum and now report eyers.
		a. Source Classification Code (SCC)	20200102
		(see instructions):	SC Code (call DEP if SC code will not validate)
		(See instructions).	IC ENGINE- RECIP- DIESEL
			SCC Code Description – filled by eDEP
		b. Type of fuel – check one:	
		b. Type of fact check one.	☐ no.2 ☐ no.4 ☐ 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 - describe:
			Describe "other" fuel
		c. Sulfur content for oils and coal $(0 - 2.2)$:	.138
		of Barrat Bornott for Sile and Soar (6 2.12).	Percent by weight
		d. Ash content for oils and coal (0 -10):	0
Note for e:		(Percent by weight
Enter the			
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 decommissioned prior to this Year of Record.
uncontrolled			· ·
design		f. Do you have fuel or upage restrictions?	2
capacity). Do not enter the		f. Do you have fuel or usage restrictions?	yes no - skip to question 2
normal		g. DEP approval number for restrictions:	EXEMPT 7.02
operation			Most recent for this fuel
rate nor any restricted			
(allowable)			
rate.		h. Annual use restriction (amount or hours):	BACH-YEAR
		For this fuel	Quantity Units
		i. Short term use restriction (amount or hours):	24 DAY
		For this fuel	Quantity Units
			Per: ☐ month ☐ week 🗹 day ☐ hour
			. S month wook 😉 day mou
			CALITION: check your amount to units
			CAUTION: check your amount vs.units 0.0900 1000 GALLONS
	2.	Annual usage:	
		•	a. Amount – year of record b. Units .1104 1000 GALLONS
		Enter "0" if not used in the year of record	c. Total annual usage for prior year of record – eDEP only



Bureau of Waste Prevention - Air Quality

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Emission Unit - Fuel Utilization Equipment

B. Fuels and Emissions (cont.)

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

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	Pollutant:	☐ PM10	☐ PM2.5	□ SO2	□ NO2
	Actual for previous year eDEP only:	0.0023 Tons	0.0023 Tons	0.0007 Tons	0.0334 Tons
		0.0019	0.0019	0.0005	0.0272
	Actual for year of record:	Tons	Tons	Tons	Tons
	Potential emissions at max	2.2338	2.2338	2.0866	31.7462
	capacity uncontrolled:	Tons	Tons	Tons	Tons
	Emission factor:	42.50	42.50	39.70	604
	in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
	Maximum allowed emissions –				
<u>~</u>	annual:	Tons	Tons	Tons	Tons
For this fuel only	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
this	Short term period (or MMBtu):				
For	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 0.0026 0.0023 0.0072 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0059 0.0021 0.0019 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 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

B. Fuels and Emissions (cont.)

2014
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50
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1	<u>a</u>
	(

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

0.0091	0.1185
a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
check to enter your own values	check to enter your own values

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

C. Notes and Attachments

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

Attachmen	its:
-----------------------------	------

Check here to submit attachments to this form (e.g., calculations) – add a note in the field above
indicating what is attached. For eDEP on-line filers, this will create a new step on your Current
Submittal Page where you can attach electronic files to your submittal. Please list attachments
that cannot be sent electronically in the notes field above and deliver them to DEP with a paper
copy of this form.



Bureau of Waste Prevention - Air Quality

Emission Unit - Fuel Utilization Equipment

2014 Year of record 3 DEP EU# (old Point #) 1190564 Facility AO identifier

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







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

	1.1	racility AQ identifier
Α.	Equipment Description	
1.	Facility identifiers:	
	CLEAN HARBORS OF BRAINTREE INC	
	a. Facility name	4400504
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
2.	Emission unit identifiers:	,,
۷.	CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.	36)
	a. Facility's choice of emission unit name – edit as needed	33)
	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 Appr	ovals ? ☐ yes 🗹 no
5.	If exempt from Plan Approval, indicate reason why	(e.g., cite a specific DEP regulation):
	,	(1.3)
	Reason for exemption	
6.	Emission unit installation date and decommission of	date:
	9/1/1986	
	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	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	ceedance reporting)
	c. Is this unit subject to (check all that apply):	
	✓ NESHAP ☐ NSPS ☐ MACT	



BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

2014
Year of record
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DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

?	9.	Equipment:	?	EPA Unit T	ype Code (eDI	EP on	_{nly):} BOILER			
How to report on combined		a. Type: 🗹] boiler [furnace	☐ engine ☐	othe	er:			
units?	?	If engine, is	s this an em	nergency ge	nerator? 🔲 y	yes 🔽	Describe "other" e	quipme	nt type	
		CLEAVER	BROOKS				CB800-150			
		b. Manufactur 2.80	er				c. Model number 1			
?			ating MMBtu/h	nr (must be gre	ater than 0)		e. Number of burners	(enter '	'0" if not applicable)	
vynat to do f data unknown or		f. Type of b	urner – che	eck one:	☐ rotary		✓ mech. atomize	er	steam atomizer	
not available?					air atom	nizer [traveling grate)	☐ hand fired	
					other:	_				
		CL BROOK	(S				"other" burner type CB800-150-150			
		g. Burner man					h. Burner model numb	er		
		9/1/1986 i. Burner insta	llation date (n	nm/dd/yyyy)						
	10.	Hours of op 24	eration for	tne emissio	n unit: a. [5	∐ cne	eck if continuousi	y opei 12	rated – 24 x 7 x 52	
C		b. Number of I	hours per day		c. Number of da	ays per	week		ber of weeks per year	
		e. Percent	of total ann	ual operatio	n that occurs i	in eac	ch calendar quarte	er:		
		76.0	0	0	24.0		Sum of Q1+Q2+Q3+C			
		Q1	Q2	Q3	Q4		or 0% if the unit was r	iot opei	ated for any quarter	
	11.	_	son operati	on schedule	e – May 1 thro	ugh S	•	_		
		0 a. Ozone seas	son hours per	dav	b. Ozone seaso	on davs		0 c Week	s operated in ozone seasc	nn
		u. 020110 00d0	on nouro por	aay	5. 020110 00000	on dayo	por wook	0. 1100.	10 operated in 020110 oddec	
	12.	Emission re	elease poin	t – select or	ne: ?	Engir —	nes click here for instr	uctions	· (?)	
		Non-Stac	k Release	Points:		Ph	Physical Stacks:			
		fugitive		norizontal ve			vertical stack	/ .		
				downward fa t less than 1			vertical with rain	cap/s	leeve	
		If Non-Stack	k release poin	t, skip to quest	ion 14.					
	13.		•			pick f	rom the list below	/ :		
					ER BROOKS,					
					_		use STACK form d complete a new Sta	ick form	before completing to this	form.



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

2014
Year of record
3
DEP EU# (old Point #)
1190564

Facility AQ identifier

?	14. Is there a pollution control device	Check here if you need to report more than 3 air pollution control devices on		
How to delete a control ?	ges – 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)	
	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. SO₂ % Overall eff. % Overall eff. % Overall eff. CO % Overall eff. % Overall eff. % Overall eff. VOC % Overall eff. % Overall eff. % Overall eff. NO₂ % Overall eff. % Overall eff. % Overall eff. NH3 % Overall eff. % Overall eff. % Overall eff. HOC % Overall eff. % Overall eff. % Overall eff. HYC % Overall eff. % Overall eff. % Overall eff. Hg % Overall eff. % Overall eff. % Overall eff. Pb % Overall eff. % Overall eff. % Overall eff. Other % Overall eff. % Overall eff. % Overall eff. Specify "Other" Specify "Other" Specify "Other"



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

201	4	
Year	of record	
3		
DEP	EU# (old Point #)	1
119	0564	
Facili	ty AQ identifier	

15.	Is there monitoring equipment or	this uni	t or its	related	control	devices?

How to delete				
		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 ?	(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 ? k. Data system ? I. Monitored pollutants (check all that apply):	yes no yes no yes no PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	yes no yes no PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	yes no 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"



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Emission Unit - Fuel Utilization Equipment

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B. Fuels and Emissions

	_			
	4	Fuel News / Characteristics	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	
			DEP Fuel #	
How does eDEF andle multiple uels?	o	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 thi fuel in this unit permanently. You must still report to this year of record even if amount is "0" – the fuel w be removed from the unit in the next report cycle.	or
		When to NOT check this box ?		
			40200504	\neg
		a. Source Classification Code (SCC) (see instructions):	SC Code (call DEP if SC code will not validate) DIST.OIL- GRADE NO.1 OR NO.2 OIL	
			SCC Code Description – filled by eDEP	
		b. Type of fuel – check one:	☑ no.2 □ no.4 □ no.6	
			☐ diesel ☐ coal ☐ natural gas	
		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 $(0 - 2.2)$:	.138	
		,	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 absolute		e. Maximum hourly fuel rate for all firing burners:	Percent by weight 0.02	ord.
uncontrolled design		.5		
capacity). Do not enter the		f. Do you have fuel or usage restrictions?	yes no - skip to question 2	
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 Units	
		i. Short term use restriction (amount or hours):	31390 GALLONS	
		For this fuel	Quantity Units	
			Per: ✔ month week day hour	
			CAUTION: check your amount vs.units	
	2.	Annual usage:	5.2140 1000 GALLONS	
	۷.	Enter "0" if not used in the year of record	a. Amount – year of record b. Units 11.4 1000 GALLONS	
		•	c. Total annual usage for prior year of record – eDEP onl	lv



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
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DEP EU# (old Point #)
1190564

Facility AQ identifier



Pollutant:	□ PM10	☐ PM2.5	☐ SO2	□ NO2
Actual for previous year	0.0114	0.0047	0.2428	0.1140
eDEP only	Tons	Tons	Tons	Tons
	0.0052	0.0022	0.1111	0.0521
Actual for year of record:	Tons	Tons	Tons	Tons
Potential emissions at max	0.0876	0.0219	1.7166	2.1024
capacity uncontrolled:	Tons	Tons	Tons	Tons
Emission factor:	1	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 –				
Maximum allowed emissions – short term: Short term period (or MMBtu):	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Pasis – DEP approval number or regulation:	MBR-86-COM-027	MBR-86-COM-027	MBR-86-COM-027	MBR-86-COM-027

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 0.0019 0.0046 0.0285 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0130 0.0009 0.0021 Actual for year of record: Tons Tons Tons Tons 0.4380 0.0175 0.0701 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): 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

B.	Fuels a	nd Emiss	sions	(cont)	۱
D.	rueis a	nu Eiiis	2110115	(COHL.)	ı

2014
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 cannot be sent electronically in the notes field above and deliver them to DEP with a paper
copy of this form.



Massachusetts Department of Environmental ProtectionBureau of Waste Prevention – Air Quality

Emission Unit - Fuel Utilization Equipment

2014 Year of record DEP EU# (old Point #) 1190564

Facility AQ identifier

Important: When filling out forms the compu use only th tab key to move your cursor - do use the ret





out forms on the computer, use only the tab key to	1.	Facility identifiers: CLEAN HARBORS OF BRAINTREE INC	
move your cursor - do not		a. Facility name 34839 11	90564
use the return key.			Facility AQ identifier – SSEIS ID number
tab	2.	Emission unit identifiers: ?	2.2
		HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0a. Facility's choice of emission unit name – edit as needed	J.S S
return		2 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	Combined Units – enter number of individual units
	3.	DEP approvals – leave blank if not applicable:	
		a. Most recent approval number b. I	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):
	J.	BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15 Reason for exemption	, one a specific DET Tegulation).
How to delete	\ 6	Emission unit installation date and decommission date:	
a unit? (click ?-icon))	5/1/2003	
		a. Installation date – estimate if unknown (mm/dd/yyyy) b. [Decommission date (mm/dd/yyyy) – if applicable
?	7.		Complete only if the unit was shutdown permanently or eplaced since the last report.
		a. Is this unit replacing another emission unit?	
		✓ no	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 requireme	ents for this emissions unit?
		✓ yes - specify reporting frequency below	no – skip to question 8c
		b. Reporting frequency - check all that apply:	
		1. Monthly 2. Quarterly 3. Semi-annual (include Operating Permit and Plan Approval reports, but not exceeda	∡ 4. Annual
		c. Is this unit subject to (check all that apply):	
		✓ NESHAP □ NSPS □ MACT	



Massachusetts Department of Environmental ProtectionBureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

2014
Year of record
2
DEP EU# (old Point #)
1190564
Facility AO identifier

A. Equipment Description (cont.)

	9.	Equipment	i: 🕜	EPA Unit 7	Гуре Code (eDI	EP o	nly): BOILER	
ow to report combined		a. Type: 🔽	7 hoiler Γ	furnace	engine	oth	er.	
its?		_	_			_	Describe "other" equipm	nent type
	(?)	if engine, i	s this an er	mergency g	enerator?y	/es [⊻ no	
		HURST				_	4VT-50BHP	
		b. Manufactu	ırer				c. Model number	
2		2.0910	rating MMRtu/	hr (must be gr	reater than (1)	_	e. Number of burners (ente	r "O" if not applicable)
nat to do		u. Max Imput i	ating wivibtu/	ili (iliusi be gi	eater triair o)	2	e. Number of burners (ente	i o ii not applicable)
ata known or		f. Type of b	burner – ch	eck one:	☐ rotary		✓ mech. atomizer	steam atomizer
available?					air atom	izer	☐ traveling grate	hand fired
					other:		_	_
							"other" burner type	
		HURST					30	
		g. Burner mar 5/1/2003	nufacturer				h. Burner model number	
			allation date (mm/dd/\\\\\\\		_		
		i. Duillei iliste	allation date (illill/dd/yyyy)				
•			hours per day of total anr		c. Number of da on that occurs i	•		ımber of weeks per year
				0.0			-	
		84.0	5.0	0.0	11.0	_	Sum of Q1+Q2+Q3+Q4 mu	ust = 100%, perated for any quarter
		84.0 Q1	Q2	Q3	Q4	_	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op	ust = 100%, perated for any quarter
	11.	84.0 Q1	Q2	Q3		_	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op	ust = 100%, erated for any quarter
	11.	84.0 Q1 Ozone sea 2	Q2 ason operat	Q3 ion schedul	Q4 le – May 1 throu 1	_ ugh \$	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30:	erated for any quarter
	11.	84.0 Q1 Ozone sea 2	Q2	Q3 ion schedul	Q4	_ ugh \$	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30:	ust = 100%, perated for any quarter eks operated in ozone season
	11.	84.0 Q1 Ozone sea 2	Q2 ason operat	Q3 ion schedul	Q4 le – May 1 throu 1	_ ugh \$	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30:	erated for any quarter
		84.0 Q1 Ozone sea 2	Q2 ason operat ason hours per	Q3 ion schedul	Q4 le – May 1 through 1 b. Ozone seaso	_ ugh { on day	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30:	eks operated in ozone season
		84.0 Q1 Ozone sea 2 a. Ozone sea Emission re	Q2 ason operat ason hours per	Q3 rion schedul r day nt – select o	Q4 le – May 1 through 1 b. Ozone seaso	ugh \$	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30: s per week 1 c. We	eks operated in ozone season
		84.0 Q1 Ozone sea 2 a. Ozone sea Emission re Non-Stace fugitive engine	Q2 ason operat ason hours per elease poir ck Release /e	Q3 ion schedul r day nt – select o Points: horizontal v downward f	Q4 le – May 1 through 1 b. Ozone season 2 one: ?	ugh s	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30: September 30: September 30: C. We ines click here for instruction	eks operated in ozone season
		84.0 Q1 Ozone sea 2 a. Ozone sea Emission re Non-Stac gruph fugitiv gengine vertica	Q2 ason operat ason hours per elease poir ck Release ye	Q3 ion schedul r day nt – select o Points: horizontal v downward f nt less than	Q4 le – May 1 through 1 b. Ozone season 2 one: ? rent facing vent 10ft	ugh s	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30: The sper week To c. We sines click here for instruction thysical Stacks: The vertical stack	eks operated in ozone season
	12.	84.0 Q1 Ozone sea 2 a. Ozone sea Emission re Non-Stace gruph engine vertica	Q2 ason operat ason hours per release poir ck Release re e exh. al stack/ver	Q3 ion schedul r day nt – select o Points: horizontal v downward f nt less than nt, skip to ques	Q4 le – May 1 through 1 b. Ozone season 2 one: ? rent facing vent 10ft 2 stion 14.	engi	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30: September 30: 1	eks operated in ozone season
	12.	84.0 Q1 Ozone sea 2 a. Ozone sea Emission re Non-Stac gruphical rengine vertical If Non-Stac Link this un	Q2 ason operat ason hours per elease poir ck Release ye	Q3 ion schedul r day nt – select of Points: horizontal v downward f nt less than nt, skip to ques sical stack (Q4 le – May 1 through 1 b. Ozone season 2 one: ? rent facing vent 10ft 2 stion 14. 3 if applicable) –	engi Engi P	Sum of Q1+Q2+Q3+Q4 mu or 0% if the unit was not op September 30: The sper week To c. We sines click here for instruction thysical Stacks: The vertical stack	eks operated in ozone season
	12.	84.0 Q1 Ozone sea 2 a. Ozone sea Emission re Non-Stac gray engine vertica If Non-Stac Link this un 2 STACK	Q2 ason operates ason hours per celease poir ck Release ye e exh. all stack/ver ck release poir nit to a physe #2- HURS	Q3 ion schedul r day nt – select of Points: horizontal v downward f nt less than nt, skip to ques sical stack (T BOILER,	Q4 le – May 1 through 1 b. Ozone season 2 one: ? rent facing vent 10ft 2 stion 14.	engi	Sum of Q1+Q2+Q3+Q4 more or 0% if the unit was not open september 30: September 30: To per week To c. We sines click here for instruction thysical Stacks: Vertical stack Vertical with rain cape from the list below:	eks operated in ozone season



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

Year of record

DEP EU# (old Point #)

1190564

Facility AQ identifier

2 1	4. Is there a pollution control devi	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
	a. Type	Туре	Туре
Do not leave blank – if unknown	b. Manufacturer	Manufacturer	Manufacturer
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 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 - en	nter 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.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
СО	% Overall eff.	% Overall eff.	% Overall eff.
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.	% Overall eff.	% Overall eff.
HOC	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	% Overall eff.
Hg	% Overall eff.	% Overall eff.	% Overall eff.

% Overall eff.

% Overall eff.

Specify "Other"

Pb

Other

% Overall eff.

% Overall eff.

Specify "Other"

% Overall eff.

% Overall eff.

Specify "Other"



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

2014
Year of record
2
DEP EU# (old Point #)
1190564
Facility AQ identifier

How to delete a monitor?	yes – answer a t	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:	Describe "other"	Describe "other"	Describe "other"
Colimate	c. Model number:			
	d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility's Designation
	e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
	f. DEP approval #:	(11111/133/9999)	(1111/1/4/4/9999)	
Leave f, g, h blank if not applicable.	g. DEP approval date: h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
·	i. Recorder ?	(mm/dd/yyyy) yes no	(mm/dd/yyyy)	(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"



Massachusetts Department of Environmental ProtectionBureau of Waste Prevention – Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

2014 Year of record DEP EU# (old Point #) 1190564 Facility AQ identifier

B. Fuels and Emissions

			BOILER #2-HURST #30 - #2 OIL-0.3 SULF	U
	1.	Fuel Name / Characteristics:	Fuel name	_
		Number of fuels for this unit (previous records): 1	1	
2			DEP Fuel #	
How does eDEF nandle multiple uels?	o	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)	10200501	┙
		(see instructions):	SC Code (call DEP if SC code will not validate) DIST.OIL- GRADE NO.1 OR NO.2 OIL	
			SCC Code Description – filled by eDEP	_
		b. Type of fuel – check one:	and by CDE	
		b. Type of fact. Chook one.	✓ no.2 □ no.4 □ 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 - describe:	
			Describe "other" fuel	—
		c. Sulfur content for oils and coal $(0 - 2.2)$:	.138	
		,	Percent by weight	_
		d. Ash content for oils and coal (0 -10):	0	
Note for e:			Percent by weight	
Enter the Maximum				
Fuel Rate at		e. Maximum hourly fuel rate for all firing burners:	0.0155 1000 GALLONS	
which the unit can burn		e. Maximum flourly fuel rate for all filling bufflers.	Amount Units per hour	
fuel (its absolute			Enter "0" if unit decommissioned prior to this Year of Recor	d.
uncontrolled				
design		f. Do you have fuel or usage restrictions?	✓ yes	
capacity). Do not enter the			EXEMPT	
normal operation		g. DEP approval number for restrictions:	Most recent for this fuel	
rate nor any			West recent for this faci	
restricted (allowable)				
rate.		h. Annual use restriction (amount or hours):	111252 GALLONS	
		For this fuel	Quantity Units	
		i. Short term use restriction (amount or hours):	9271 GALLONS	
		For this fuel	Quantity Units	
			Per: 🗹 month 🗌 week 🔲 day 🔲 hour	
			CAUTION: check your amount vs.units	
	_		12.3250 1000 GALLONS	
	2.	Annual usage:	a. Amount – year of record b. Units	
		Enter "0" if not used in the year of record	10.095 1000 GALLONS	
			c. Total annual usage for prior year of record – eDEP only	



Bureau of Waste Prevention - Air Quality

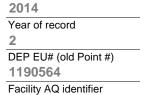
BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

Emission Onit – Fuel Otilization Equipme

B. Fuels and Emissions (cont.)

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





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

	Pollutant:	□ PM10	☐ PM2.5	☐ SO2	□ NO2
	Actual for previous year	0.0101	0.0042	0.2150	0.1010
	eDEP only:	Tons	Tons	Tons	Tons
	Actual for year of record:	0.0123	0.0051	0.2625	0.1233
	Actual for year of record.	Tons	Tons	Tons	Tons
	Potential emissions at max capacity uncontrolled:	0.4820 Tons	0.0120 Tons	0.9441 Tons	1.5630 Tons
	capacity uncontrolled.	1	0.25	142	24
	Emission factor:			<u> </u>	 -
	in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
	Maximum allowed emissions – annual:	Tons	Tons	Tono	Tons
	Maximum allowed emissions –	TONS	TOTIS	Tons	TONS
	short term:	Pounds	Pounds	Pounds	Pounds
	Short term period (or MMBtu):				
•	Basis – DEP approval number or regulation:	EXEMPT	EXEMPT	EXEMPT	EXEMPT
					other:
	Pollutant:	□ со	□ voc	□ NH3	specify
	Actual for previous year	0.0252	0.0017	0.0040	
	eDEP only:	Tons 0.0308	Tons 0.0021	Tons 0.0049	Tons
	Actual for year of record:	Tons	Tons	Tons	Tons
	Potential emissions at max	0.2409	0.0096	0.0385	
	capacity uncontrolled:	Tons	Tons	Tons	Tons
	Emission factor:	5	0.20	0.80	
	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):				



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

В.	Fuels and	Emissions	(cont)

2014
Year of record
2
DEP EU# (old Point #)
1190564

Facility AQ identifier

_		
	2	١
•	К	7
		4

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

0.0001	0.0030
a. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions –pounds per day
check to enter your own values	✓ check to enter your own values

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

C. Notes and Attachments

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

2. Attachments:

Check here to submit attachments to this form (e.g., calculations) - add a note in the field above
indicating what is attached. For eDEP on-line filers, this will create a new step on your Current
Submittal Page where you can attach electronic files to your submittal. Please list attachments
that cannot be sent electronically in the notes field above and deliver them to DEP with a paper
copy of this form.

Bureau of Waste Prevention - Air Quality

BWP AQ AP-2

Emission Unit – Process Description

CLEAN HARBORS OF BRAINTREE INC

A. Emission Unit – Process Description

2014 Year of record

DEP EU# (old Point #) 1190564

Facility AQ identifier

Important: When filling the computer, cursor - do not use the return key.

out forms on use only the tab key to move your





2.	Emission	unit	identifiers:

b. DEP Account number

1. Facility identifiers:

a. Facility name

34839

11551011	unit identiners.	
ORLIM	CRUSHING LIN	ΙF

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

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

d. Combined Units - enter number of individual units

DEP approvals – leave blank if not applicable:

MBR-87-IND-191

a. Most recent approval number

1/13/1988

1190564

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

c. Facility AQ identifier - SSEIS ID number

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

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

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

Reason for exemption



6. Equipment manufacturer and model number and type:

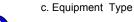
GREENBECK

18 SWB

a. Manufacturer

b. Model number

DRUM CRUSHER



d. EPA Unit Type Code: CRUSHER

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

Emission unit installation and decommission dates:

6/1/1986

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

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

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

Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2014
Year of record
5
DEP EU# (old Point #)
1190564
Facility AO identifier

A. Emission Unit – Process Description (cont.)

8.	Emission unit replacement:								
	a. Is this unit replacing anothe	er emission unit?							
	✓ no yes – enter DE	EP's emissions unit	number for the unit	peing replaced below:					
	DEP's emission unit number and facil	lity unit name							
9.	Additional state reporting requ	iromonte:							
Э.	, - ,								
	a. Are there other routine air q								
		quency below	no – skip to o	question 90					
	b. Reporting frequency – chec								
	☐ Monthly	_	Annual 🗹 RES						
	(include Operating Permit and Plan A		exceedance reporting)						
	c. Is this unit subject to (checl	_							
	□ NESHAP □ NSPS □	MACT							
10.	. Hours of operation for the emi	ission unit: a. 🗆	check if continuous	sly operated – 24 x 7 x 52					
	4	1		8					
	b. Number of hours per day	c. Number of day	s per week	d. Number of weeks per year					
	e. Percent of total annual oper	ration that occurs in	ı each calendar quar	ter:					
	55.0 23.0 22.0 Q3	0.0 Q4	Sum of Q1+Q2+Q3- (or 0% if the unit wa	-Q4 must = 100% s not operated for any quarter)					
11	. Ozone season schedule – Ma		nher 30:	Q1 Q2 Q0 Q1					
	. Ozone ocason sonedale ma	y i unough ocpien							
	4	1		4					
	a. Ozone season hours per day	b. Ozone season		4 c. Weeks operated in ozone season					
		b. Ozone season		4 c. Weeks operated in ozone season					
12.				4 c. Weeks operated in ozone season					
12.	a. Ozone season hours per day			4 c. Weeks operated in ozone season					
12.	a. Ozone season hours per day . Emission release point – select Non-Stack Release Points: fugitive horizonta	ct one: ?	days per week Physical Stacks:						
12.	a. Ozone season hours per day . Emission release point – select Non-Stack Release Points: fugitive horizonta gooseneck downwar	ct one: ?	days per week Physical Stacks:						
12.	a. Ozone season hours per day . Emission release point – select Non-Stack Release Points: fugitive horizonta	ct one: ? al vent rd facing vent han 10ft	days per week Physical Stacks:						
	a. Ozone season hours per day . Emission release point – select Non-Stack Release Points: fugitive horizonta gooseneck downwar vertical stack/vent less th	ct one: ? al vent rd facing vent nan 10ft question 14.	days per week Physical Stacks: ✓ vertical stack □ vertical with rai	n cap/sleeve					
	a. Ozone season hours per day . Emission release point – select Non-Stack Release Points: fugitive horizonta gooseneck downwar vertical stack/vent less th	ct one: al vent rd facing vent nan 10ft question 14. ck (if applicable) – p	Physical Stacks: Vertical stack vertical with rai	n cap/sleeve w:					

Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2014
Year of record
5
DEP EU# (old Point #)
1190564
Facility AO identifier

A. Emission Unit – Process Description (cont.)

? Is there monitoring equipment on this emissions unit of its related control devices? ☐ yes – answer a through I ✓ no – skip to Question 15					
How to delete monitor	a	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 ☐ time recorder ☐ temperature recorder ☐ pressure ☐ other – describe:	☐ CEMs ☐ opacity ☐ fuel flow meter ☐ time recorder ☐ temperature recorder ☐ pressure ☐ 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 #:				
	a Installation data	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 ProtectionBureau of Waste Prevention – Air Quality

BWP AQ AP-2

09/19/05

Emission Unit – Process Description

2014
Year of record
5
DEP EU# (old Point #)
1190564
Facility AO identifier

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

İ	В.	Emissions for Raw Materials/Finished Products							
		Add a NEW material / product: Check the box if you need to add a material or product that you did not report on previously (eDEP will add a blank Sect. B form to your package).	s	stopped unit p <i>err</i> of record	his material/prod using this materia manently. You mu I even if amount is emoved from the u	I or making the still report of the still report of the material of the material of the material of the still	is product in this data for this year erial / product		
	1.	Operation description:	RCRA E	MPTY DR	UMS				
?		a. Raw material or finished product name: Number of segments for this unit (previous records): 1 It is provided to the content of the content		1		4			
ow does eDEP andle multiple		b. Is material/product an input or output ?		nput	output	DEP#			
nw materials or nished roducts ?		c. Process description:	2 DF	RUM C	RUSHING LIN	IES	DRUMS		
		d. Source Classification Code (SCC): (see instructions)	SC C		II DEP if SC Code		ite)		
_				Descrip	tion – filled by eDE				
?		e. Maximum process rate for material/product:	120 Amou	unt		1000 EACH Units per ho			
ote: efinition of laximum		f. If organic material, give weight % of:	VOC			HOC			
rocess rate			HYC						
		g. Total actual raw material used or finished product produced for year of record:	0.32 Amou 1.12	unt		1000 EACH			
		Enter "0" if not used in the year of record			eDEP only	Units prior			
	?	h. Do you have raw material or finished product restrictions?	□ y	res	✓ no – skip	to question	n 1.l		
(?	i. DEP approval number for restrictions:	Most	recent a	approval number fo	or this materia	al or product		
		j. Short term raw material/finished product							
		restriction – if none, leave blank:	Quan	itity (am	ount or hours)	Units			
			Per:	☐ n	nonth \square wee	k 🗌 day	☐ hour		
		k. Annual material/product restrictionif none, leave blank:	Quan	itity (am	ount or hours)	Units			
		I. Indicate which air pollution control devices from Section A, Question 15 control this material/product by listing the facility-		ce ID#		Device ID #			
		designated control device ID # for each unit that applies:							
				ce ID#	oro if All air and	Device ID #			
		How to make a new air pollution control device appear in these drop menus?			ere if ALL air pollu ly to this material/		evices on the		

Bureau of Waste Prevention - Air Quality

BWP AQ AP-2

Emission Unit - Process Description

2014 Year of record 5

DEP EU# (old Point #) 1190564

Facility AQ identifier

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

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

nportant: eaving blanks for	Pollutant	PM10	PM2.5	SO2	NO2	СО
ctual and Potential missions means that ou are certifying that	Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
ere were less than 0001 (or zero) tons emissions for each	Actual for year of record:	Tons	Tons	Tons	Tons	Tons
ank.	Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Emission factor: In pounds per unit::					_
	in pounds per unit					
ial or	Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
For this material or product of the form o	Max allowed — short term:	Pounds	Pounds	Pounds	Pounds	Pounds
or this	Short term period: Basis: DEP approval					
	number or regulation:					
Important:						Other:
Reporting now required for t-Butyl Acetate	Pollutant Actual for previous year	VOC 0.06	НОС	*Reserved*	NH3	specify
•	eDEP only:	Tons 0.0200	Tons	Tons	Tons	Tons
	Actual for year of record: Potential emissions at maximum	Tons 12	Tons	Tons	Tons	Tons
	capacity uncontrolled:	Tons 0.11	Tons	Tons	Tons	Tons
	Emission factor: In pounds per unit:	1000 EACH				
b 6	Max allowed – annual:	Tons	Tons	 Tons	Tons	Tons
For this material or product follow	Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
s m	Short term period:			_		
r thi	2	MBR-87-IND-				

check to enter your own values

Basis - DEP approval number or regulation:

Bureau of Waste Prevention - Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2014
rear of record
DEP EU# (old Point #)
1190564
acility AO identifier

3.	0.0950	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

C. Notes and Attachments

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

2. Attachments:

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

Bureau of Waste Prevention - Air Quality

Emission Unit - Organic Material Storage

2014 Year of record 60 DEP EU# (old Point #) 1190564 Facility AQ identifier

	Co	implete one AP-4 for EACH organic material storage t	ank.		
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 B7- POLYOLEFIN H TANKS WASTEWATER 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 #		
?		d. Combined Units – enter number of individual units			
How to combine units ?					
uiiitə ?	_				

a unit?

3. Emission unit installation and decommission dates:

3/1/2011	
a. Installation date – estimate if unknown (mm/dd/yyyy)	

9.25

d. Diameter - feet

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 ra. Is this unit re	eplacement: eplacing another emi	ssion unit?	
	🗹 no 🗌	yes - enter DEP's e	emissions unit numbe	er for the unit being replaced below:
	b. DEP's Emission	n Unit Number and facility	unit name	
5.	Unit description	ns:		
	a. Description:	✓ above ground	below ground	
	b. Roof type:	☐ floating roof ☑ fixed	☐ internal roof ☐ other:	Specify other
				Opcomy office

6506

e. Capacity - gallons

19.13

c. Height / Length - feet

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
60
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7.	Material stored (at start of year):
	WASTEWATER NO VOCS NOT APPLICABLE TO REPOR

a. Name of material	
a. Mante 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	_
New material stored (enter new material if conte	nts changed during year of record):
, ,,	ents changed during year of record):
New material stored (enter new material if conte	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

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

2014
Year of record
6
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Coi	mplete one AP-4 for EACH organic material storage ta	nk.			
Important: When filling out forms on	A.	A. Equipment Description				
the computer,	1.	Facility identifiers:				
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 A1-9,800 GAL - TANK WAS CLOSED A	ND REMOVED			
		a. Facility's choice of emission unit name – edit as needed 6	6			
		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 ?		d. Combined Units – enter number of individual units				
	3.	Emission unit installation and decommission dates:				
		1/1/1986	12/16/2009			
?		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable			
How to delete 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	umber for the unit being replaced below:			
		b. DEP's Emission Unit Number and facility unit name				
?	5.	Unit descriptions:				
		a. Description: 🗹 above ground 🗆 below grou	nd			
		b. Roof type: ☐ floating roof ☐ internal roo ✓ fixed ☐ other:	f			

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

9800

e. Capacity - gallons

11.5

d. Diameter - feet

14.66

c. Height / Length – feet

Specify other

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
6
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7.	Material stored (at start of year):					
	NA					
	a. Name of material					
		40799997				
	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				
(?)	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					
8.	New material stored (enter new material if content	to changed during year of record):				
ο.	New material stored (enter new material if content	is changed during year of record).				
	a. Name of material					
	h CAC number if single shousing	a CC Code for stooding / breathing loss				
	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					
_	Natas and Attackments					
В.	Notes and Attachments					
1.	Notes : please include in the space below any additional information that will help DEP understand					
	your submission.					
	TANKAWAO OLOOFD IN 2000 OLIOHI D.DE DEMOVED EDOM TELLANDULAL					
	TANK WAS CLOSED IN 2009 - SHOULD BE REMOVED FROM TEH ANNUAL					
	SSIES DATA REPORT					

Bureau of Waste Prevention – Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
57
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

combine units?

a unit?

Co	Complete one AP-4 for EACH organic material storage tank.				
Α.	A. Equipment Description				
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 B4- POLYOLEFIN H WASTEWATER N	O VOCS			
	a. Facility's choice of emission unit name – edit as needed 57	57			
	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 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:				
7	a. Description: 🗹 above ground 🗌 below groun	nd			

5.	Unit description	ns:					
	a. Description:	∠ at	oove ground	☐ belo	ow ground		
	b. Roof type:	☐ flo	oating roof ced	inte	rnal roof er:		
						Specify other	
	19.25		9.25		6506		
	c. Height / Length -	- feet	d. Diameter - fe	eet	e. Capacity	– gallons	
	- 0					-	

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
57
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year): CORROSIVES NO VOCS NOT APPLICABLE TO REPORT a. Name of material 50300701 c. SC Code for standing / breathing loss b. CAS number if single chemical LIQUID WASTE GENERAL 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 (enter 0 if not used) h. RVP - gasoline only i. Total oxygen percent - gasoline only i. Oxygenate name - gasoline only 8. New material stored (enter new material if contents changed during year of record): a. Name of material b. CAS number if single chemical c. SC Code for standing / breathing loss d. SC Code description - filled by eDEP e. Vapor pressure in PSI at 25° C f. Temperature - typical storage temp. in °Fahrenheit g. Annual throughput in gallons

B. Notes and Attachments

j. Oxygenate name - gasoline only

h. RVP - gasoline only

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

i. Total oxygen percent - gasoline only

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

2014	
Year of record	
54	
DEP EU# (old Point #)	
1190564	
Facility AQ identifier	

	Cor	mplete one AP-4 for EACH organic material storage ta	nk.	
Important: When filling out forms on	Α.	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 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 ?		u. Combined Offits – effet flumber of individual drifts		
	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 delete 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	umber for the unit being replaced below:	
		b. DEP's Emission Unit Number and facility unit name		
?	5.	Unit descriptions:		
		a. Description: 🗹 above ground 🗌 below grou	nd	
		b. Roof type: I floating roof internal roo	of .	

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

other:

6506

e. Capacity - gallons

Specify other

✓ fixed

9.25

d. Diameter - feet

19.13

c. Height / Length – feet

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
54
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)



7.						
	CORROSIVES NO VOCS NOT APPLICABLE 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				
	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 ^o Fahrenheit	g. Annual throughput in gallons				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only	_				

B. Notes and Attachments

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

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

2014
Year of record
53
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Cor	mplete one AP-4 for EACH organic material storage tar	ık.
Important: When filling out forms on	A.	Equipment Description	
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
return	2.	Emission unit identifiers: AG TANK B1- POLYOLEFIN WASTEWATER a. Facility's choice of emission unit name – edit as needed 53 b. Facility's emission unit number / code – edit as needed	NO VOCS 53 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:	
How to delete a unit?		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:	Specify other
		19.13 9.25 6506	
		c. Height / Length – feet d. Diameter – feet e. Capac	ity – gallons

steel weld other weld rivet fiberglass gunite

Construction:

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
53
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7.	Material stored (at start of year):				
	CORROSIVES NO VOCS NOT APPLIBABLE TO REPORT				
	a. Name of material				
		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 content	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			

B. Notes and Attachments

j. Oxygenate name – gasoline only

h. RVP - gasoline only

f. Temperature - typical storage temp. in °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:

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

2014 Year of record 52 DEP EU# (old Point #) 1190564 Facility AQ identifier

Complete one AP-4	for	EACH or	ganic	material	storage	tank.
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	Co	implete one AP-4 for EACH organic material storage tar	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 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 #
		d. Combined Units – enter number of individual units	
How to combine units?			
	3.	Emission unit installation and decommission dates:	
_		1/1/1985	

?
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.

? 4.		Emission unit replacement: a. Is this unit replacing another emission unit?				
	☑ no	yes – enter DEP's emissions unit number for the unit being replaced below:				
	b. DEP's Em	ission Unit Number and facility unit name				

Unit description	ns:			
a. Description:	✓ above ground	☐ below ground		
b. Roof type:	☐ floating roof ☑ fixed	internal roof		
			Specify other	
20	6	6300		
c. Height / Length -	- feet d. Diameter - fe	e. Capacity -	- gallons	

6.	Construction:	steel weld	□ other weld			☐ gunite
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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					
	68476302	40301021				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	PETROLEUM STORAGEDIST FUEL NO.2	0.01				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
(?)	52	17801.0000				
	f. Temperature – typical storage temp. in [°] 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 °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 agreed 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

2014
Year of record
51
DEP EU# (old Point #)
1190564
Facility AQ identifier

Complete one AP-4 fo	or EACH organi	ic materia	l storage	tank.
----------------------	----------------	------------	-----------	-------

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

A.	Equipment Description
	Facility identifiers: ?
	CLEAN HARBORS OF BRAINTREE INC





2. Emission unit identifiers:

b. DEP Account number

a. Facility name34839

AG TANK A13 (4,000 GAL), DIESEL LOW SULF

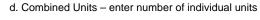
a. Facility's choice of emission unit name – edit as needed $51\,$

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

ber / code – edit as needed c. DEP emissions unit # – SSEIS point #

1190564

51





3. Emission unit installation and decommission dates:

1/1/198
o Installa

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

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

c. Facility AQ identifier - SSEIS ID number

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 7 4000

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

2014
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	0.01				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
9	52	120898.0000				
U	f. Temperature – typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)				
		g. /aa. aoagpat gaoo (oo. ooa)				
?	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only	=				
8.	New material stored (enter new material if conternation a. Name of material	nts changed during year of record):				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	Ç	Ç Ç				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	•					
	f. Temperature – typical storage temp. in ^o 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 ac your submission.	dditional information that will help DEP understand				
	,					
:	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
26
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Coi	Complete one AP-4 for EACH organic material storage tank.						
Important: When filling out forms on	Α.	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 A25 (1,000 GAL)						
		a. Facility's choice of emission unit name – edit as needed						
		26	26					
		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	:					
_		1/1/1987						
?		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable					
How to delete a unit?			Complete only if the unit was shut down permanently or replaced since the last report.					
9	4.	Emission unit replacement:						
•		a. Is this unit replacing another emission unit?						
		✓ no	umber 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	ind					
		b. Roof type:	of					

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

d. Diameter - feet

1000

e. Capacity - gallons

10.5

c. Height / Length – feet

Specify other

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
26
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7.	Material stored (at start of year):	
	NA (LAST CONTAINED OIL WITH PCBS)	
	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
?)	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	
3.	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 ^o Fahrenheit	g. Annual throughput in gallons
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only
	j. Oxygenate name – gasoline only	

B. Notes and Attachments

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

THIS TA	THIS TANK WAS NOT USED IN CALENDAR YEAR 2014			

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

	Complete one AP-4 for EACH organic material storage tank.					
Important: When filling out forms on	A.	Equipment Description				
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 A24 (2,400 GAL)				
		a. Facility's choice of emission unit name – edit as needed	05			
		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	C. DEF emissions unit # - 33E13 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 delete 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 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:				
		10.5 7 2400	Specify other			
			city – gallons			

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
25
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7.	Material stored (at start of year):					
	NA (LAST CONTAINED OIL WITH PCBS)					
	a. Name of material					
		50300899				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	WASTE DISP-INDUS /TREATMENT, STORAGE					
4	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
T	52					
	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 °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 additional information that will help DEP understand your submission.					
	TANK NOT USED IN YEAR 2014					
	.,					

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

	Complete one AP-4 for EACH organic material storage tank.				
Important: When filling out forms on	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 A23 (2,400 GAL)			
		a. Facility's choice of emission unit name – edit as needed			
		24	24		
		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 ?		d. combined onto manifor or manada dinte			
	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 delete 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?			

	a. Is this unit re	placing another emi	ssion un	it?			
	v no □	yes – enter DEP's e	emission	s unit numbe	er for the unit bein	g replaced below	w:
	b. DEP's Emission	n Unit Number and facility	unit name	;			
? 5.	Unit description	ns:					
	a. Description:	✓ above ground	☐ belo	ow ground			
	b. Roof type:	☐ floating roof ✓ fixed	☐ inte	ernal roof er:	Specify other		
	10.5	7		2400	., ,		
	c. Height / Length -	- feet d. Diameter - fe	eet	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

2014
Year of record
24
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7. Material stored (at start of year): NA (LAST CONTAINED OIL WITH PCBS) a. Name of material 50300899 c. SC Code for standing / breathing loss b. CAS number if single chemical WASTE DISP-INDUS /TREATMENT, STORAGE 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 (enter 0 if not used) h. RVP - gasoline only i. Total oxygen percent - gasoline only i. 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 e. Vapor pressure in PSI at 25° C d. SC Code description - filled by eDEP f. Temperature - typical storage temp. in °Fahrenheit g. Annual throughput in gallons h. RVP - gasoline only i. Total oxygen percent - gasoline only j. Oxygenate name - gasoline only **B. Notes and Attachments** Notes: please include in the space below any additional information that will help DEP understand your submission. TANK NOT USED IN YEAR 2014

2. Attachments:

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paper copy of this form.

for SC Code

help

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
23
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Complete one AP-4 for EACH organic material storage tank.					
Important: When filling out forms on	A.	Equipment Description				
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			
tab	2.	Emission unit identifiers:				
return		AG TANK A22 (2,400 GAL)				
		a. Facility's choice of emission unit name – edit as needed				
		Provide a principal unit number / code and the provided	23			
		b. Facility's emission unit number / code – edit as needed	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:				
		1/1/1983				
?		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable			
How to delete 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			
		b. Roof type:				
		10.5 7 2400	Specify other			
		·	sity – 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

2014
Year of record
23
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

. Material stored (at start of year):	
NA (LAST CONTAINED OIL WITH PCBS)	
a. Name of material	
	50300899
b. CAS number if single chemical	c. SC Code for standing / breathing loss
WASTE DISP-INDUS /TREATMENT, STORAGE	E
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
2 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 onlys. New material stored (enter new material if conte	nts 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	_
Notes and Attachments	

B. Notes and Attachments

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

TANK WAS NOT USED IN YEAR 2014

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

2014
Year of record
14
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Complete one AP-4 for EACH organic material storage tank.						
Important: When filling out forms on	A.	A. Equipment Description					
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				
	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 combine units ?		d. Combined Units – enter number of individual units					
	3.	Emission unit installation and decommission dates:					
		3/1/2011					
How to delete		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable				
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 ground	d				
		b. Roof type: ☐ floating roof ☐ internal roof ☐ type: ☐ fixed ☐ other:					
		11.5 11.2 10000	Specify other				
			ity – gallons				

ightharpoonup steel weld $\ \square$ other weld $\ \square$ rivet $\ \square$ fiberglass $\ \square$ gunite

6. Construction:

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
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					
		50300899				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	WASTE DISP-INDUS /TREATMENT, STORAGE	1.04				
?	d. SC Code description – filled by eDEP 52	e. Vapor pressure in PSI at 25° C 428411.0000				
	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	changed during year of record):				
	NON HALOGENATED FUEL					
	a. Name of material					
		40799997				
	b. CAS number if single chemical CHEMICAL STORAGE	c. SC Code for standing / breathing loss 1.04				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	u. So code description – lilled by eDEF	171957				
	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 addit	ional information that will help DEP understand				
•	your submission.					
	2 Attachments: Check here to submit attachme	ants 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

2014
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
Tab

combine units?

a unit?

Co	mplete one AP-4 for EACH organic material s	storage tanl	c.
Α.	Equipment Description		
1.	Facility identifiers: ? CLEAN HARBORS OF BRAINTREE INC		
	a. Facility name 34839 b. DEP Account number		1190564 c. Facility AQ identifier – SSEIS ID number
2.	Emission unit identifiers: AG TANK A8 - 10,000 GAL TANK		
	a. Facility's choice of emission unit name – edit as n 13 b. Facility's emission unit number / code – edit as ne		13 c. DEP emissions unit # - SSEIS point #
	d. Combined Units – enter number of individual units	S	
3.	Emission unit installation and decommissi 3/1/2011		
	a. Installation date – estimate if unknown (mm/dd/yy	уу)	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 u		
	✓ no	ns unit nun	nber for the unit being replaced below:
	b. DEP's Emission Unit Number and facility unit nar	ne	
5.	Unit descriptions:		
	a. Description: 🗹 above ground 🗌 be	elow ground	d
	71 <u> </u>	ternal roof her:	Specify other

10000

e. Capacity - gallons

11.2

d. Diameter - feet

18.5

c. Height / Length - feet

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2014
Year of record
13
DEP EU# (old Point #)
1190564

Facility AQ identifier

A. Equipment Description (cont.)

a. Name of material b. CAS number if single chemical WASTE DISP-INDUS /TREATMENT, STORAGE d. SC Code description – filled by eDEP f. Temperature – typical storage temp. in Fahrenheit h. RVP – gasoline only j. Oxygenate name – gasoline only a. Name of material b. CAS number if single chemical d. SC Code description – filled by eDEP j. Oxygenate name – gasoline only a. Name of material b. CAS number if single chemical d. SC Code description – filled by eDEP f. Temperature – typical storage temp. in Fahrenheit c. SC Code for standing / breathing loss c. SC Code for standing / breathing loss c. SC Code for standing / breathing loss e. Vapor pressure in PSI at 25° C g. Annual throughput in gallons e. Vapor pressure in PSI at 25° C g. Annual throughput in gallons i. Total oxygen percent – gasoline only j. Oxygenate name – gasoline only j. Oxygenate name – gasoline only B. Notes and Attachments 1. Notes: please include in the space below any additional information that will help DEP unyour submission.	LEAN WATER FOR INCINERATION						
b. CAS number if single chemical WASTE DISP-INDUS /TREATMENT, STORAGE d. SC Code description – filled by eDEP 52 f. Temperature – typical storage temp. in *Fahrenheit h. RVP – gasoline only j. Oxygenate name – gasoline only a. Name of material b. CAS number if single chemical b. CAS number if single chemical c. SC Code for standing / breathing loss 0.39 e. Vapor pressure in PSI at 25° C 255384.0000 g. Annual throughput in gallons (enter 0 if not i. Total oxygen percent – gasoline only c. SC Code for standing / breathing loss 0.39 e. Vapor pressure in PSI at 25° C 255384.0000 g. Annual throughput in gallons (enter 0 if not c. SC Code for standing / breathing loss c. SC Code for							
WASTE DISP-INDUS /TREATMENT, STORAGE d. SC Code description – filled by eDEP 52 f. Temperature – typical storage temp. in Fahrenheit h. RVP – gasoline only j. Oxygenate name – gasoline only a. Name of material b. CAS number if single chemical d. SC Code description – filled by eDEP f. Temperature – typical storage temp. in °Fahrenheit c. SC Code for standing / breathing loss d. SC Code description – filled by eDEP f. Temperature – typical storage temp. in °Fahrenheit h. RVP – gasoline only i. Total oxygen percent – gasoline only c. SC Code for standing / breathing loss e. Vapor pressure in PSI at 25° C g. Annual throughput in gallons h. RVP – gasoline only j. Oxygenate name – gasoline only j. Oxygenate name – gasoline only 3. Notes and Attachments Notes: please include in the space below any additional information that will help DEP unce							
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d. SC Code description – filled by eDEP f. Temperature – typical storage temp. in °Fahrenheit h. RVP – gasoline only j. Oxygenate name – gasoline only s. Notes and Attachments Notes: please include in the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information that will help DEP under the space below any additional information the space below any additional infor							
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h. RVP – gasoline only j. Oxygenate name – gasoline only S. Notes and Attachments Notes: please include in the space below any additional information that will help DEP und							
j. Oxygenate name – gasoline only 3. Notes and Attachments Notes: please include in the space below any additional information that will help DEP und							
Notes and Attachments Notes: please include in the space below any additional information that will help DEP und							
Notes: please include in the space below any additional information that will help DEP und							
	derstand						

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

2014
Year of record
12
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Complete one AP-4 for EACH organic material storage tank.						
Important: When filling out forms on	A.	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 A7- 9,500 GAL WASTE STREAM AA	19 (NMP)				
		a. Facility's choice of emission unit name – edit as needed					
		12	12				
		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 ?		d. Combined office cited fidinger of individual diffes					
	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 delete 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	umber for the unit being replaced below:				
		b. DEP's Emission Unit Number and facility unit name					
?	5.	Unit descriptions:					
	-	a. Description: 🗹 above ground 🗌 below grou	nd				
		b. Roof type:	of .				

	6.	Construction:	✓ steel weld	other weld	rivet	fiberglass	qun
--	----	---------------	--------------	------------	-------	------------	-----

other:

9500

e. Capacity - gallons

Specify other

✓ fixed

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

12

17.25

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.)

2 5	N-METHYL-2-PYRROLIDONE (NMP) a. Name of material B72504 b. CAS number if single chemical WASTE DISP-INDUS /TREATMENT, STORAGE	5000000
2 b \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	372504 D. CAS number if single chemical	F000000
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	c. CAS number if single chemical	50300899
\ ?\ 5		c. SC Code for standing / breathing loss
?)5	MASTE DISK-INDUS /TREATMENT, STURAGE	0.340
	I. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
<u> </u>	52	37705.0000
<u> </u>	Temperature – typical storage temp. in [°] Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
?) h	n. RVP – gasoline only	i. Total oxygen percent – gasoline only
 j.	Oxygenate name – gasoline only	
3. 1	New material stored (enter new material if contents	s changed during year of record):
a	a. Name of material	
	c. CAS number if single chemical	c. SC Code for standing / breathing loss
	WASTE DISP-INDUS /TREATMENT, STORAGE	
	I. 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	n. RVP – gasoline only	i. Total oxygen percent – gasoline only
j.	Oxygenate name – gasoline only	
3. 1	Notes and Attachments	
	Notes : please include in the space below any addivour submission.	tional information that will help DEP understand

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

Emission Unit - Organic Material Storage

2014 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	mplete one AP-4	for EACH organic m	aterial storage tan	k.		
Important: When filling out forms on	A.	A. Equipment Description					
the computer,	1.	Facility identifie	ers: 🥎				
use only the tab key to		-	ORS OF BRAINTRE	EE INC			
move your		a. Facility name					
cursor – do not use the		34839			1190564		
return key.		b. DEP Account nu	mber		c. Facility AQ identifier – SSEIS ID number		
tab							
	2.	Emission unit id	dentifiers:				
return		AG TANK A6-	9,500 GAL WAST	ΓE STREAM A-31			
		•	of emission unit name -	edit as needed			
		11		19	11		
		b. Facility's emission	on unit number / code – e	edit as needed	c. DEP emissions unit # - SSEIS point #		
2		d. Combined Units	– enter number of individ	dual units			
How to combine units?							
	3.	Emission unit ir	nstallation and deco	mmission dates:			
		3/1/2011					
?			– estimate if unknown (n	mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable		
How to delete a unit?					Complete only if the unit was shut down permanently or replaced since the last report.		
?	4.	Emission unit re	eplacement:				
		a. Is this unit re	placing another em	ission unit?			
	✓ no						
		b. DEP's Emission Unit Number and facility unit name					
?	5.	Unit descriptions:					
		a. Description:	✓ above ground	below groun	d		
		b. Roof type:	☐ floating roof ✓ fixed	internal roof other:			
		17 25	12	9500	Specify other		

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

e. Capacity - gallons

d. Diameter - feet

c. Height / Length - feet

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):					
	OIL 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	0.03				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
T	52	183478.0000				
	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 changed during year of record):					
	a. Name of material					
	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				
	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 additional information that will help DEP understand					
	your submission.					
	2 Attachments: Check here to submit attachme	ants 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-STACK

Physical Vertical Stacks

2014
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







A.	Stack Description				
	•		How	to report combined units/stacks: see 3b below	
1.	Facility identifiers:				
	CLEAN HARBORS OF B	RAINTREE INC			
	a. Facility name				
	34839		1190564		
	b. DEP Account number		c. AQ identifier	- SSEIS ID number	
2.	Stack identifiers:				
	1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR				
	a. Facility's choice of stack name	e – edit as needed			
	7		7		
	b. Facility's stack number - edit a	as needed	c. DEP stack # - old SSEIS stack #		
3.	Type: a. ✓ vertical vertical vertical	al with rain cap/sleeve b. Con	nbined stacks –	enter number of individual stacks:	
4	Dimensions	12		0.8	
4.	Dimensions:	Height in feet above the ground		Internal Diameter in feet	
_	Coo evit volesitur	32		32	
5.	Gas exit velocity:	Low end - feet per second (0.1 -	- 500)	High end - feet per second (0.1 – 500)	
^	1150			1150	
6.	Exit temperature:	Low end - ⁰ Fahrenheit (50 – 180	00)	High end - ⁰ Fahrenheit (50 – 1800)	
7.	Stack liner material: 🗹	metal	other:		

How to delete a stack?

8. Decommission date – if applicable:

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

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.

important:
To assign an
emission unit
to this stack,
enter the
Stack Id No.
on the form
for the
emission uni
(i.e., AP1,
$\Delta P2 \text{ or } \Delta P3$

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

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.

2014

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

BWP AQ AP-STACK

Physical Vertical Stacks

2014
Year of record
5
DEP Stack #
1190564
Facility AQ identifier

	Co	mplete one AP-51 ACK to	rm for EACH physical sta	ack at the facilit	у		
Important: When filling	A.	Stack Description	on				
out forms on the computer,	1.	Facility identifiers:		F	How to report combined units/stacks: see 3b below		
use only the tab key to	••	•	DDAINTDEE INC				
move your		CLEAN HARBORS OF a. Facility name	- BRAINTREE INC				
cursor - do not		34839		1190564			
use the return key.		b. DEP Account number			tifier – SSEIS ID number		
		B. BEI 71000unt number		0.710 10011	and Goelo is number		
tab	2.	Stack identifiers: (?)					
		2 DRUM CRUSHING L	INES				
		a. Facility's choice of stack na					
return		5		5			
		b. Facility's stack number – e	dit as needed	c. DEP sta	ck # - old SSEIS stack #		
	3.	Type: a. 🗹 vertical 🔲 ve	artical with rain can/alogue	h Combined stack	co ontor number of individual stacks:		
	٥.	rype. a. verticai 🔛 ve		b. Combined stack	ks – enter number of individual stacks:		
	4.	Dimensions:	54		1.3		
What to if data		Dimonolone.	Height in feet above the	ground	Internal Diameter in feet		
is unknown or	5.	Gas exit velocity:	54	1 (0.4 500)	54		
unavailable?		,	Low end - feet per secon 60	a (0.1 – 500)	High end - feet per second (0.1 – 500) 60		
	6.	Exit temperature:	Low end - ⁰ Fahrenheit (5	0 _ 1800)	High end - ⁰ Fahrenheit (50 – 1800)		
			Low cha - Tamermen (5	0 1000)	riigh cha Fairleitheit (50 1500)		
	 Stack liner material:				:		
				Describe C	Other		
	0	Decembracion data il	f annliaghla.				
How to delete	8.	Decommission date – if	mm (mm	/dd/yyyy) Complete	e only if the stack was permanently removed		
a stack ?							
	D	Emissien Units	Accesioted with	. Ctools	DED Only		
	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 –						
	entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2,						
		s list does not reflect cha					
		ELLES A DOLLAR OF					
Important:		EU#5-2 DRUM CF	RUSHING LINES				
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

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.

2014

Bureau of Waste Prevention - Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

2014
Year of record
3
DEP Stack #
1190564
Facility AQ identifier

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

	C
Important: When filling	A
out forms on	
the computer, use only the	1.
tab key to	
move your	
cursor - do not	
use the return	
key.	
tab	2.
return	

Α.	Stack Description	n			
	•		How t	to report combined units/stacks: see 3b below	
1.	Facility identifiers:				
	CLEAN HARBORS OF	BRAINTREE INC			
	a. Facility name				
	34839	1	190564		
	b. DEP Account number	C	. AQ identifier	- SSEIS ID number	
2.	Stack identifiers: ?				
	1 STACK - BOILER #1-CLEAVER BROOKS, NO 2 FUEL OIL				
	a. Facility's choice of stack nar	ne – edit as needed			
	3	3	}		
			. DEP stack #	- old SSEIS stack #	
3.	Type: a. ✓ vertical vertical vertical	tical with rain cap/sleeve b. Comb	ined stacks –	enter number of individual stacks:	
	D'	35		1	
4.	Dimensions:	Height in feet above the ground		Internal Diameter in feet	
_	One muit male sitem	47		47	
5.	Gas exit velocity:	Low end - feet per second $(0.1 - 5)$	500)	High end - feet per second (0.1 – 500)	
6	Evit tomporaturo:	450		450	
6.	Exit temperature:	Low end - ⁰ Fahrenheit (50 – 1800))	High end - ⁰ Fahrenheit (50 – 1800)	
7.	Stack liner material:	metal	other:		
			escribe Other		
8.	Decommission date – if	annlicable:		v if the stack was normanently removed	

How to delete a stack?

is unknown or

unavailable?

B. Emission Units Associated with Stack - eDEP Only

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

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

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

Bureau of Waste Prevention - Air Quality

BWP 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.

CONVERTED THE CLEAVER BROOKS BOILER FROM A HIGH PRESSURE TO A LOW PRESSURE BOILER IN SEPTEMBER 2009. WORK PERFORMED BY **NEW ENGLAND INDUSTRIAL BOILER.**

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.

2014

Year of record

Bureau of Waste Prevention – Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

2014
Year of record
2
DEP Stack #
1190564
Facility AQ identifier

	Co	mplete one AP-STACK for	rm for EACH physi	cal stack at the facility			
Important: When filling	A.	Stack Description	on				
out forms on the computer,	1.	Facility identifiers:		Н	How to report combined units/stacks: see 3b below		
use only the tab key to		CLEAN HARBORS OF	BRAINTREE IN				
move your		a. Facility name	DIAMITICE III	J			
cursor - do not use the return		34839		1190564	1190564		
key.		b. DEP Account number			fier – SSEIS ID number		
tab	2.	Stack identifiers: ?					
		STACK #2- HURST BOILER, NO. 2 FUEL OIL					
		a. Facility's choice of stack na					
return		2		2			
		b. Facility's stack number – e	dit as needed	c. DEP stac	k # - old SSEIS stack #		
	3.	Type: a. ✓ vertical vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks:					
	4	Dimonologo	35		1		
NA/back (P) f alace	4.	Dimensions:	Height in feet abo	ve the ground	Internal Diameter in feet		
What to so if data is unknown or	5.	Gas exit velocity:	50		50		
unavailable ?		·	Low end - feet pe 212	r second (0.1 – 500)	High end - feet per second (0.1 – 500) 212		
	6.	Exit temperature:	Low end - ⁰Fahrei	nheit (50 – 1800)	High end - ⁰ Fahrenheit (50 – 1800)		
	7.	Stack liner material:	☑ metal 🗌 brick	refractory			
				Describe Ot	her		
	8.	Decommission date – if	annlicable.				
How to delete a stack?	0.	Doddiningsion date in	арриодою.	(mm/dd/yyyy) Complete	only if the stack was permanently removed		
	B. Emission Units Associated with Stack – eDEP Only						
	Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note:						
	this list does not reflect changes you have made on-line, but not yet submitted.						
Important: To assign an	EU#2-HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S						
emission unit to this stack,							
enter the							
Stack ld No. on the form							
for the							

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

BWP AQ AP- STACK • Page 1 of 2

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:

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2014

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

BWP AQ AP-STACK

Physical Vertical Stacks

2014	
Year of record	
10	
DEP Stack #	
1190564	
Facility AQ identifier	

	Co	mplete one AP-STACK for	m for EACH physic	cal stack at the facility			
Important: When filling out forms on the computer, use only the	A .	Stack Description Facility identifiers:	on	Hov	v to report combined units/stacks: see 3b below		
tab key to		CLEAN HARBORS OF	BRAINTREE INC				
move your		a. Facility name	DIV.IIIIII	<u> </u>			
cursor - do not use the return		34839		1190564	1190564		
key.		b. DEP Account number		c. AQ identifie	er – SSEIS ID number		
tab	2.	Stack identifiers:					
•		CUT OFF ROOM					
		a. Facility's choice of stack na	me – edit as needed				
return		10		10			
		b. Facility's stack number – ed	dit as needed	c. DEP stack	# - old SSEIS stack #		
	3.	Type: a. ✓ vertical ver	rtical with rain cap/slee	ve b. Combined stacks	enter number of individual stacks:		
	1	Dimensions:	18		1		
VIs a to the state of	4.	Diffierisions.	Height in feet above	e the ground	Internal Diameter in feet		
s unknown or	5.	Gas exit velocity:	15		15		
navailable ?		·	70	second (0.1 - 500)	High end - feet per second (0.1 – 500) 70		
	6.	Exit temperature:	Low end - ⁰ Fahren	heit (50 – 1800)	High end - ⁰ Fahrenheit (50 – 1800)		
	7.	Stack liner material: ✓ metal ☐ brick refractory ☐ other:					
				Describe Other	or.		
				Describe Othi	ei		
How to delete a stack?	8.	Decommission date – if	applicable:	(mm/dd/yyyy) Complete o	nly if the stack was permanently removed		
	B. Emission Units Associated with Stack – eDEP Only						
	Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted.						
Important:							
To assign an emission unit to this stack,							
enter the Stack Id No.		-					
on the form for the emission unit							
(i.e., AP1, AP2, or AP3).							

E

Bureau of Waste Preven		Year of record		
BWP AQ AP-STACK			DEP Stack # 1190564	
Emission Unit – Fuel l	Jtilization Equipment		Facility AQ identifier	
	· .		7	
	<u> </u>			
	-	-	-	

2014

C. Notes and Attachments

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

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

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

2014
Year of record
1
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 #1- INCINERATOR #1-VENT-O-MATIC a. Facility's choice of stack name - edit as needed 1 b. Facility's stack number - edit as needed c. DEP stack # - old SSEIS stack # Type: a. vertical vertical with rain cap/sleeve b. Combined stacks - enter number of individual stacks: 185 1.2 **Dimensions:** Height in feet above the ground Internal Diameter in feet What t 21 is unknown or Gas exit velocity: Low end - feet per second (0.1 - 500)High end - feet per second (0.1 - 500)unavailable? 240 Exit temperature: High end - ⁰ Fahrenheit (50 – 1800) Low end - ⁰Fahrenheit (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).

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DVVP	AQ	AP-	STACK •	Page	1 01 2

Bureau of Waste Prevention - Air Quality

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

2014

Year of record

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 2014. ON APRIL 3,1998 CHBI DISCONNECTED THE FUEL SUPPLY AND ELECTRICITY LINES THAT SUPPLIED THE INCINERATOR, AND WELDED THE INCINERATOR CHARGIND DOOR SHUT.

2. Attachments:

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