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Username: DAVID_P_CABRAL

Transaction ID: 637080

Document: AQ Source Registration Package

Size of File: 2460.13K

Status of Transaction: Submitted

Date and Time Created: 3/29/2023:2:36:32 PM

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Bureau of Waste Prevention - Air Quality

Source Registration Overview

Create or Amend a Source Registration Forms Package

2013	
Voor of Dooord	_

Year of Record

1190564

Facility AQ identifier



A. Create a Source Registration Package

1. Select existing or new facility:

Existing Facilities: To create a complete package for **2013** 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 2013 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	2012
	CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)	3	3	AP-1	2012
/	CUMMINS GENERATOR #2 (NT855G2, DIESEL)	50	50	AP-1	2012
/	CATERPILLAR GENERATOR #1	55	55	AP-1	2012
	2 LENNOX FURNACES SR 20Q5-140/154	64	64	AP-1	2012
/	2 DRUM CRUSHING LINES	5	5	AP-2	2012
	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	2012
/	AG TANK A7- 9,500 GAL WASTE STREAM AA19 (NMP)	12	12	AP-4	2012
~	AG TANK A8 - 10,000 GAL TANK	13	13	AP-4	2012
/	AG TANK A9- 10,000 GAL WASTE STREAM FB1	14	14	AP-4	2012
П	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 2012
AG TANK A23 (2,400 GAL), PCB	24	24	AP-4 2012
AG TANK A24 (2,400 GAL), PCB	25	25	AP-4 2012
AG TANK A25 (1,000 GAL), PCB	26	26	AP-4 2012
AG TANK A13 (4,000 GAL), DIESEL LOW SULF	51	51	AP-4 2012
AG TANK A12 (6,300 GAL), NO. 2 FUEL OIL	52	52	AP-4 2012
AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS	53	53	AP-4 2012
AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS	54	54	AP-4 2012
AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS	57	57	AP-4 2012
AG TANK B7- POLYOLEFIN H TANKS WASTEWATER NO VOCS	60	60	AP-4 2012
STACK #1- INCINERATOR #1-VENT-O-MATIC	1	1	AP-STAC 2012
STACK #2- HURST BOILER, NO. 2 FUEL OIL	2	2	AP-STAC 2012
1 STACK - BOILER #1-CLEAVER BROOKS, NO 2 FUEL OIL	3	3	AP-STAC 2012
2 DRUM CRUSHING LINES	5	5	AP-STAC 2012
1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR	7	7	AP-STAC 2012
1 STACK-2 FURNACES - LENNOX	9	9	AP-STAC 2012
CUT OFF ROOM	10	10	AP-STAC 2012
	AG TANK A22 (2,400 GAL), PCB AG TANK A23 (2,400 GAL), PCB AG TANK A24 (2,400 GAL), PCB AG TANK A25 (1,000 GAL), PCB AG TANK A13 (4,000 GAL), DIESEL LOW SULF AG TANK A12 (6,300 GAL), NO. 2 FUEL OIL AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS AG TANK B7- POLYOLEFIN H TANKS WASTEWATER NO VOCS STACK #1- INCINERATOR #1-VENT-O-MATIC STACK #2- HURST BOILER, NO. 2 FUEL OIL 1 STACK - BOILER #1-CLEAVER BROOKS, NO 2 FUEL OIL 2 DRUM CRUSHING LINES 1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR	AG TANK A22 (2,400 GAL), PCB AG TANK A23 (2,400 GAL), PCB AG TANK A24 (2,400 GAL), PCB AG TANK A25 (1,000 GAL), PCB AG TANK A25 (1,000 GAL), DESEL LOW SULF AG TANK A13 (4,000 GAL), DIESEL LOW SULF AG TANK A12 (6,300 GAL), NO. 2 FUEL OIL AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS 53 AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS 54 AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS 55 AG TANK B7- POLYOLEFIN H TANKS WASTEWATER NO VOCS 56 STACK #1- INCINERATOR #1-VENT-O-MATIC 1 STACK #2- HURST BOILER, NO. 2 FUEL OIL 2 DRUM CRUSHING LINES 5 1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR 7 1 STACK-2 FURNACES - LENNOX	AG TANK A22 (2,400 GAL), PCB 23 23 23 23 24 24 24 24 24 24 24 24 24 24 24 25 25 25 25 25 25 25 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26



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	Emission unit name	Facility's ID#	DEP#	AP form	Last update
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BWP AQ AP-SR

Source Registration

2013 Year of Record 1190564 Facility AQ identifier

Important:

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





A. Facility Information				
. Facility - the site or works at which	the regulated ac	tivity occurs	: 🕜	
CLEAN HARBORS OF BRAINTR	EE INC			
a. Facility Name 1 HILL AVE				
b. Facility Street Address Line 1				
c. Facility Street Address Line 2				
BRAINTREE		MA	021840000)
d. City/Town 7813807100		e. State 78138071	f. Zip Code	
g. Facility Phone Number		h. Facility Fa		
 Mailing address:	s as facility address			
b. Facility Mailing Address / PO Box Line 2 BRAINTREE		MA	021840000	
c. City/Town		d. State	e. Zip Code	,
. Facility type – check one: ☐ Utility ☑ Private ☐ Tribal	☐ Federal ☐ :	State 🔲 L	ocal Governmo	ent
. ORIS Facility Code - for large electionly:	rtrical utilities	ORIS Facility	, Code	
. ID numbers:				
a. DEP Account number / FMF Facility #		b. Facility AC	Q identifier – SSEIS	S ID number
. Location (check box to enter either	r UTM OR Lat/Lo	ng) :		
a. UTM coordinates		42.235971	b. Latitude/ l i	Longitude 70.972946
c. UTMHorizontal - meters d. UTM Vo	ertical - meters	f. Latitude 42	00 44 00	g. Longitude – West



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



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7.	North American Ind	ustry Classification Syst	em (NAICS) 6 digits:				
	562211						
	a. (Primary)	b.	C.	d.			
8.	Facility description (what is being produced and how it is being produced at this facility – update needed):						
	CLEAN HARBORS	OF BRAINTREE INC.	S A HAZARDOUS \	WASTE TSDF. NO F	PRODU		
	AT THIS FACILITY	•					
9.	Facility's normal ho	·					
9.	12:00 AM	12:00 AM	∠ c. Cont	inuous - 24 x 7 x 52			
9.	12:00 AM a. Start time	12:00 AM b. End Time		inuous - 24 x 7 x 52] W	∠ S		
9.	12:00 AM	12:00 AM b. End Time			∠ S		
	12:00 AM a. Start time	b. End Time e facility open? ✓ S			∠ S		
	a. Start time d. Which days is the	b. End Time e facility open? ✓ S			∠ S		
10.	a. Start time d. Which days is the	e facility open? ✓ S ees: 15	— ?	W ⊌T ⊌F	☑ S		
10.	a. Start time d. Which days is the	b. End Time e facility open? ✓ S	— ?	W ⊌T ⊌F	∠ S		
10.	a. Start time d. Which days is the Number of employed. Facility Owner:	e facility open? ✓ S ees: 15	M ✓ T ✓	W T F			
10.	a. Start time d. Which days is the Number of employe Facility Owner:	12:00 AM b. End Time e facility open? ✓ S ees: 15 ✓ same address as facility r	M ✓ T ✓	W T F			
10.	a. Start time d. Which days is the Number of employe Facility Owner:	e facility open? ✓ S ees: 15 same address as facility r r DEP Regional Office if S OF BRAINTREE INC	M ✓ T ✓	W T F			

7134

i. Extension



USA

g. Country

d. City/Town

7813807100

h. Owner Phone Number

cabral.david@cleanharbors.com

k. Owner E-mail Address

e. State

f. Zip Code

7813807193

j. Owner Fax Number

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



Owner?



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	Ğ				
Α.	Facility Information (con	t.)			
12.	Facility contact information:	as facility address as facility mailing address			
	DAVID P.		CABRAL, P.E., TURP, BCEE		
	a. Facility Contact First Name		Contact Last I	Name	
	CLEAN HARBORS OF BRAINTRE	E, INC.			
	b. Mailing Address Line 1				
	1 HILL AVENUE				
	c. Mailing Address Line 2				
	BRAINTREE		MA	021841363	
	d. City/Town		e. State	f. Zip Code	
	USA			id@cleanharbors.com	
	g. Country 7813807100		h. E-mail Addr	ess	
	i. Phone Number	j. Extension	k. Fax I	lumbor	
		•			
3.	Air emissions information contact		as facility conta address as faci	ct name and address	
	DAVID P.	Same		P.E., TURP, BCEE	
	a. Air emissions contact First Name			contact Last Name	
	CLEAN HARBORS OF BRAINTRE	E. INC.			
	b. Mailing Address Line 1				
	1 HILL AVENUE				
	c. Mailing Address Line 2				
	BRAINTREE		MA	021841363	
	d. City/Town		e. State	f. Zip Code	
	USA		cabral.dav	id@cleanharbors.com	
	g. Country		h. E-mail Addr	ess	
	7813807100	_			
	i. Phone Number	j. Extension	k. Fax N	Number	
3.	Preparer				
	-				
	Identification information for prepare	er of this submit		ame as facility air emissions contact name	
				nd address ame as facility contact name and address	
				ame address as facility address	
	DAVID		MEDINA		
	a. Preparer First Name		Preparer Last	Name	
	CLEAN HARBORS ENVIRONMEN	TAL SERVICES	•		
	b. Mailing Address Line 1		-		
	42 LONGWATER DRIVE				
	c. Mailing Address Line 2				
	NORWELL		MA	020619149	
	d. City/Town	 -	e. State	f. Zip Code	
	USA		medinad@	cleanharbors.com	
•	g. Country		h. E-mail Addr	ess	
	7817925174	_	78179	21030	
	i. Phone Number	j. Extension	k. Fax I	Number	



Bureau of Waste Prevention - Air Quality

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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 P. Cabral, P.E, TURP, BCEE

Signature of Responsible Official 5/13/2014

Date

eDEP enters these fields automatically on submission.

Responsible official – complete all fields below:

DAVID P.

a. Print First Name

CABRAL, P.E., TURP, BCEE

b. Print Last Name

COMPLIANCE MANAGER

c. Title

7813807100

d. Phone Number

cabral.david@cleanharbors.com

e. E-mail Address





Bureau of Waste Prevention – Air Quality

BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

2013 Year of record 1190564 Facility AQ identifier

A. Annual Total Emissions Statement

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





1. Facility Identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility name

b. DEP Account number

1190564

c. Facility AQ identifier - SSEIS ID number

- 2. **Total Emissions** This form calculates your facility's actual and potential emissions by adding the emissions you entered in forms for each emission unit. The results are displayed in the table below. You must validate forms for each emission unit before the results below can be complete. To enter HAP emissions, see Section D.
- 3. **Facility-wide Emission Limits** -- Please enter facility-wide annual or short-term emissions limits below, if any. To enter HAP restrictions, see Section D.

	Pollutant:	PM10	PM2.5	SO2	NO2	СО
	Actual for previous year	.02	.0197	.2412	.379	.0552
	eDEP only:	Tons	Tons	Tons	Tons	Tons
	Actual for year of record:	0.0379	0.0253	0.4625	0.4493	0.1042
	·	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
	Facility-wide max allowed				17.3	
(f)	emissions – annual:	Tons	Tons	Tons	Tons	Tons
o ge	Facility-wide max allowed				9400	
-vi	emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
Facility-wide	Short term period:				MONTH	
aci						
	Basis: DEP approval				MBR-95-RES-047	
The state of the s	number or regulation:					
	Pollutant:	VOC	НОС	*Reserved*	NH3	☐ *Reserved*
	Actual for previous year	.0122	0	0	.0137	
	eDEP only:	Tons	Tons	Tons	Tons	Tons
	Actual for year of record:	0.0817	0	0	0.0250	
	-	Tons	Tons	Tons	Tons	Tons
	Potential emissions at max	22.8238	0	0	0.7437	
	capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
ĺ	Facility-wide max allowed	36.2				
>	emissions – annual:	Tons	Tons	Tons	Tons	Tons
or ge	Facility-wide max allowed	23600				
-wie	emissions – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
를 를	Short term period:	MONTH				
Facility-wide estrictions only	Basis: DEP approval	MBR-95-RES-047				
?	number or regulation:	WIDN-80-NEO-04/		-		



Bureau of Waste Prevention - Air Quality

BWP AQ AP-TES

2013 Year of record 1190564 Facility AQ identifier

Total Emissions Statement & Hazardous Air Pollutant List

A. Annual Total Emissions Statement (con
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	")	

4. If you have facility-wide fuel, raw material, or product restrictions, complete the following for each										
a.	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 or product restricted									
b.	EXEMPT	111252.0000	GALLONS	YEAR						
	DEP approval # (most recent)	Per unit time								
	NO. 2 FUEL OIL 0.3 PERCENT SULFUR									
	Description of fuel, raw material 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								
1.	Please indicate which – if any - of the following greenhouse gas chemicals are used and/or emitted by checking the appropriate box:									

1.		indicate which – if any - of the follov cking the appropriate box:	ving gree	enhouse gas chemicals are used and/or emitted
	Use	Emitted Nitrous oxide N2O Sulfur Hexafluoride (SF6)	Use	Emitted Hydrofluorocarbons (HFC's) Perfluorocarbons (PFCs)

C. Hazardous Air Pollutant (HAP) List

?	
HAP thresholds	3
- what to repor	t
and what not to)
report here	

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

~	yes -	- indicate	which	chemicals	are use	d and wh	ch are	emitted	by ch	necking th	ne appr	opriate l	boxe
	no -	skip to se	ction [).									

(?
What	is a HAP ?

	Hazardous Air Pollutants			Hazardous Air Pollutants	
Use	Emitted	CAS#	Use	Emitted	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☐ Benzotrichloride☐ Benzyl chloride☐ Benzyl chloride☐ 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



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Total Emissions Statement & Hazardous Air Pollutant List

2013 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		V	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		V	Lindane	58-89-9
		Dibutylphthalate	84-74-2		~	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

2013 Year of record

1190564

Facility AQ identifier

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

2013	
Year of record	
1190564	
Facility AQ identifier	

D. Hazardous Air Pollutant Emissions

	Tidearaodo / iii i onatant Emicolono
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:



Bureau of Waste Prevention - Air Quality

VP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

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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	НАР	HAP
Where do you enter TOTAL	HAP name:	ETHYLENE GLYCOL	METHANOL	TOLUENE
HAP emissions?	CAS # for individual HAPs if applicable:	107211	67561	108883
	Actual for previous year eDEP only:	.041 Tons	.172 Tons	.035 Tons
	Actual for year of record:	0.0380 Tons	0.0880 Tons	0.0350 Tons
	Potential emissions at max	12.8	12.8	12.8
	capacity uncontrolled:	Tons 18.6	Tons 18.6	Tons 18.6
d)	Maximum allowed emissions – annual:	Tons		Tons
vid <mark>e</mark>		5000	5000	5000
er facility-wide limits only	Maximum allowed emissions – short term:	Pounds MONTH	Pounds MONTH	Pounds MONTH
r fac limit	Short term period:	WONTH	WONTH	MONIA
?	Basis for max allowed – DEP approval # or regulation:	MBR-95-RES-047	MBR-95-RES-047	MBR-95-RES-047
- 1		НАР	НАР	НАР
	HAP name:	LEAD COMPOUNDS		
	CAS # for individual HAPs if applicable:	195	-	
	Actual for previous year eDEP only:	Tons	Tons	Tons
	Actual for year of record:	0.0870 Tons	Tons	Tons
	Potential emissions at max	12.8000		
	capacity uncontrolled:	Tons	Tons	Tons
<u> </u>	Maximum allowed emissions – annual:	Tons	Tons	Tons
er facility-wide limits only	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds
r fac i limits	Short term period:	-	_	
?	Basis for max allowed – DEP approval # or regulation:			

Do you have emissions to report for individual HAPs in addition to those above? \square yes \checkmark no

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



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BWP AQ AP-TES

Total Emissions Statement & Hazardous Air Pollutant List

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G. Total Hazardous Air Pollutant (HAP) Emissions

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

Facility-Wide Total HAP Emissions

	a. Actual for previous year eDEP only:	.8099	
		Tons	_
	b. Actual for year of record:	0.4314	
		Tons	
	c. Potential at max capacity uncontrolled:	53.6	
		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



Emission Unit - Fuel Utilization Equipment

2013 Year of record 55 DEP EU# (old Point #) 1190564 Facility AQ identifier

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





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

1.	Facility identifiers:	
	CLEAN HARBORS OF BRAINTREE INC	
	a. Facility name	
	34839	1190564
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
2.	Emission unit identifiers:	
	CATERPILLAR GENERATOR #1	
	a. Facility's choice of emission unit name – edit as needed 55	55
	b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # – old point #
	d. ORIS ID # - for large electrical utilities only	e. Combined Units – enter number of individual units
3.	DEP approvals – leave blank if not applicable:	
	MBR-89-COM-31	5/4/1989
	a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)
4.	Is this unit exempt under 310 CMR 7.02 Plan Appr	
		·
5.	If exempt from Plan Approval, indicate reason why	(e.g., cite a specific DEP regulation):
	Reason for exemption	
6.	Emission unit installation date and decommission	date:
J .	5/4/1989	uato.
	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 □ 2 Semi-conv	ial M.4 Appual M.E. DES
	1. Monthly 2. Quarterly 3. Semi-annu	_
	(include Operating Permit and Plan Approval reports, but not ex	cceedance reporting)
	c. Is this unit subject to (check all that apply):	
	☐ NESHAP ☐ NSPS ☐ MACT	



Emission Unit - Fuel Utilization Equipment

2013
Year of record
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1190564
Facility AO identifier

A. Equipment Description (cont.)

a. Type: boiler furnace engine other: Describe "other" equipment type no	?	9.	Equipme	nt: 🕐	EPA Unit T	ype Code (eDEP	only): RECIPR	OCATIN	G IC ENGINE
CATERPILLAR 3412DIT C. Model number 5.3480 d. Max input rating MMBtu/hr (must be greater than 0) e. Number of burners (enter "0" if not applicable) e. Number of burners (enter "	ow to report n combined		a. Type:	boiler [furnace	✓ engine □ of			
b. Manufacturer 5.3480 d. Max input rating MMBtu/hr (must be greater than 0) end at to do at a mown or available? f. Type of burner – check one:	nits?	?	If engine	, is this an er	mergency ge	enerator? 🔲 yes		ner" equipm	nent type
5.3480 d. Max input rating MMBtw/hr (must be greater than 0) e. Number of burners (enter "0" if not applicable) f. Type of burner – check one: ☐ rotary ☐ air atomizer ☐ traveling grate ☐ hand fired ☐ other: ☐ cATERPILLR ☐ Burner manufacturer ☐ 6/1/1989 ☐ i. Burner installation date (mm/dd/yyyy) 10. Hours of operation for the emission unit: ☐ a. ☐ check if continuously operated — 24 x 7 x 52 ☐ 1			CATERP	ILLAR			3412DIT		
d. Max input rating MMBtu/hr (must be greater than 0) at to do ata to mown or available ? d. Type of burner – check one:				turer			_	r	
f. Type of burner – check one:	?			it rating MMBtu/	hr (must be gre	eater than 0)	-	ırners (ente	er "0" if not applicable)
In type of buffer – check offe. Caterial attention Internation In	at to do								
CATERPILLR g. Burner manufacturer 6/1/1989 i. Burner installation date (mm/dd/yyyy) 10. Hours of operation for the emission unit: a. check if continuously operated – 24 x 7 x 52 1	known or		t. Type of	i burner – ch	eck one:				
CATERPILLR g. Burner manufacturer 6/1/1989 i. Burner installation date (mm/dd/yyyyy) 10. Hours of operation for the emission unit: a. □ check if continuously operated – 24 x 7 x 52 1	avallable :						r ∐ traveling (grate	☐ nand fired
CATERPILLR g. Burner manufacturer 6/1/1989 i. Burner installation date (mm/dd/yyyy) 10. Hours of operation for the emission unit: a. □ check if continuously operated – 24 x 7 x 52 1						☐ other:	"other" burner ty	/pe	
i. Burner installation date (mm/dd/yyyy) 10. Hours of operation for the emission unit: a check if continuously operated - 24 x 7 x 52 1							N/A		
i. Burner installation date (mm/dd/yyyyy) 10. Hours of operation for the emission unit: a. □ check if continuously operated – 24 x 7 x 52 1			-				h. Burner model	number	
$\frac{1}{\text{b. Number of hours per day}} \qquad \frac{1}{\text{c. Number of days per week}} \qquad \frac{12}{\text{d. Number of weeks per year}}$ e. Percent of total annual operation that occurs in each calendar quarter: $\frac{57.1}{Q1} \qquad \frac{11.4}{Q2} \qquad \frac{11.4}{Q3} \qquad \frac{20.1}{Q4} \qquad \text{Sum of } Q1+Q2+Q3+Q4 \text{ must} = 100\%, \\ \text{or } 0\% \text{ if the unit was not operated for any quarter}$ 11. Ozone season operation schedule – May 1 through September 30: $\frac{1}{Q} \qquad \frac{1}{Q} $					mm/dd/yyyy)				
$\frac{1}{\text{b. Number of hours per day}} \qquad \frac{1}{\text{c. Number of days per week}} \qquad \frac{12}{\text{d. Number of weeks per year}}$ e. Percent of total annual operation that occurs in each calendar quarter: $\frac{57.1}{Q1} \qquad \frac{11.4}{Q2} \qquad \frac{11.4}{Q3} \qquad \frac{20.1}{Q4} \qquad \text{Sum of } Q1+Q2+Q3+Q4 \text{ must} = 100\%, \\ \text{or } 0\% \text{ if the unit was not operated for any quarter}$ 11. Ozone season operation schedule – May 1 through September 30: $\frac{1}{Q} \qquad \frac{1}{Q} $									
$\frac{1}{\text{b. Number of hours per day}} \qquad \frac{1}{\text{c. Number of days per week}} \qquad \frac{12}{\text{d. Number of weeks per year}}$ e. Percent of total annual operation that occurs in each calendar quarter: $\frac{57.1}{Q1} \qquad \frac{11.4}{Q2} \qquad \frac{11.4}{Q3} \qquad \frac{20.1}{Q4} \qquad \text{Sum of } Q1+Q2+Q3+Q4 \text{ must} = 100\%, \\ \text{or } 0\% \text{ if the unit was not operated for any quarter}$ 11. Ozone season operation schedule – May 1 through September 30: $\frac{1}{Q} \qquad \frac{1}{Q} $						_			
b. Number of hours per day c. Number of days per week d. Number of weeks per year e. Percent of total annual operation that occurs in each calendar quarter: 57.1	_	10.	Hours of	operation for	the emission	on unit: a. ∐ d	check if continu		erated – 24 x 7 x 52
e. Percent of total annual operation that occurs in each calendar quarter: \[\frac{57.1}{Q1} \frac{11.4}{Q2} \frac{11.4}{Q3} \frac{20.1}{Q4} \text{Sum of Q1+Q2+Q3+Q4 must = 100%, or 0% if the unit was not operated for any quarter} \] 11. Ozone season operation schedule – May 1 through September 30: \[\frac{1}{1} \text{1} \qqq \qqq \qqq \qqq			1			=		_	
$\frac{57.1}{Q1} \qquad \frac{11.4}{Q2} \qquad \frac{11.4}{Q3} \qquad \frac{20.1}{Q4} \qquad \text{Sum of Q1+Q2+Q3+Q4 must} = 100\%, or 0\% if the unit was not operated for any quarter}$ $11. \text{ Ozone season operation schedule} - \text{May 1 through September 30:}$ $1 \qquad \qquad 1 \qquad \qquad 4$	_		b. Number	of hours per day	/	c. Number of days p	ber week	d. Nu	umber of weeks per year
Q1 Q2 Q3 Q4 or 0% if the unit was not operated for any quarter 11. Ozone season operation schedule – May 1 through September 30: 1 1 4			e. Percer		nual operation	on that occurs in e	ach calendar q	luarter:	
11. Ozone season operation schedule – May 1 through September 30: 1 4									
1 1 4			Q1	Q2	Q3	Q4	or o /o ii tric driit	was not op	crated for any quarter
<u>·</u>		11.	Ozone se	eason operat	ion schedul	e – May 1 through	September 30):	
a. Ozone season hours per day b. Ozone season days per week c. Weeks operated in ozone season						1		4	
			a. Ozone se	eason hours per	day	b. Ozone season da	ays per week	c. We	eks operated in ozone season
		12	Fmission	release poir	nt – select o	ne: 🕖 🕞	aines click here fo	r instruction	ns: 🗿
12 Emission release point – select one:				·					
12. Emission release point – select one: Pengines click here for instructions:			Non-St	ack Release	Points:		Physical Stack	s:	
12. Emission release point – select one: Physical Stacks:									/
Non-Stack Release Points: ☐ fugitive ☐ horizontal vent Physical Stacks: ✓ vertical stack							vertical with	rain cap	/sleeve
Non-Stack Release Points: ☐ fugitive ☐ horizontal vent ☐ engine exh. ☐ downward facing vent ☐ vertical with rain cap/sleeve			_						
Non-Stack Release Points: fugitive		13					k from the list h	alow:	
Non-Stack Release Points: ☐ fugitive ☐ horizontal vent ☐ engine exh. ☐ downward facing vent ☐ vertical stack/vent less than 10ft ☐ If Non-Stack release point, skip to question 14. ☐ Physical Stacks: ☐ vertical stack ☐ vertical with rain cap/sleeve		13.			•			CIOVV.	
Non-Stack Release Points: ☐ fugitive ☐ horizontal vent ☐ engine exh. ☐ downward facing vent ☐ vertical stack/vent less than 10ft If Non-Stack release point, skip to question 14. 13. Link this unit to a physical stack (if applicable) — pick from the list below:								rm	
Non-Stack Release Points: ☐ fugitive ☐ horizontal vent ☐ engine exh. ☐ downward facing vent ☐ vertical stack/vent less than 10ft If Non-Stack release point, skip to question 14.			If the etack		ot listed save	and evit this form now	and complete a po	w Stack for	rm hefore completing to this fo



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

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

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

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

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Facility AQ identifier

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	☐ yes ☐ no
	I. Monitored pollutants (check all that apply):	PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:

Describe "other"

Describe "other"

Describe "other"



BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2013 Year of record 55 DEP EU# (old Point #) 1190564 Facility AQ identifier

B. Fuels and Emissions

	1.	Fuel Name / Characteristics: Number of fuels for this unit (previous records): 1	GENERATOR #1-CATERPILLAR 558.5 KW # Fuel name 1 DEP Fuel #
How does eDEF nandle multiple fuels?		Add a NEW fuel: Check the box if you need to add a fuel that you did not report on previously (eDEP will add a blank Sect. B form to your package).	Delete this fuel: check box if you stopped using this fuel in this unit permanently. You must still report for this year of record even if amount is "0" – the fuel will be removed from the unit in the next report cycle.
		When to NOT check this box ?	
		a. Source Classification Code (SCC) (see instructions):	20200102 SC Code (call DEP if SC code will not validate) IC ENGINE- RECIP- DIESEL
		b. Type of fuel – check one:	SCC Code Description – filled by eDEP no.2 no.4 no.6
		Note: The option to have eDEP calculate your emissions is not available if your fuel type is "other".	✓ diesel ☐ coal ☐ natural gas ☐ jet fuel ☐ other - describe:
		c. Sulfur content for oils and coal (0 – 2.2):	Describe "other" fuel .0401 Percent by weight
Note for e:		d. Ash content for oils and coal (0 -10):	Percent by weight
Enter the Maximum Fuel Rate at which the unit can burn fuel (its absolute		e. Maximum hourly fuel rate for all firing burners:	0.0380 1000 GALLONS Amount Units per hour Enter "0" if unit decommissioned prior to this Year of Record.
uncontrolled design capacity). Do not enter the normal operation rate nor any		f. Do you have fuel or usage restrictions? g. DEP approval number for restrictions:	yes no - skip to question 2 MBR-89-COM-31 Most recent for this fuel
restricted (allowable) rate.		h. Annual use restriction (amount or hours): For this fuel	300 EACH-YEAR Units
		 i. Short term use restriction (amount or hours): For this fuel 	24 DAY Quantity Units Per: ☐ month ☐ week ✓ day ☐ hour
	2.	Annual usage: Enter "0" if not used in the year of record	CAUTION: check your amount vs.units 0.6650 a. Amount – year of record 1000 GALLONS b. Units 285 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:

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Year of record
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1190564
Facility AQ identifier



Part 75 Requirements

☐ NO2 Pollutant: ☐ PM10 ☐ PM2.5 ☐ SO2 0.0061 0.0061 0.0017 0.0861 Actual for previous year Tons Tons Tons Tons eDEP only: 0.0141 0.0141 0.0040 0.2009 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	0.0185	0.0066	0.0061	
eDEP only:	Tons	Tons	Tons	Tons
A street for years of so soul.	0.0433	0.0155	0.0141	
Actual for year of record:	Tons	Tons	Tons	Tons
Potential emissions at max	21.6372	8.2055	0.4827	
capacity uncontrolled:	Tons	Tons	Tons	Tons
Emission factor:	130	49.30	2.90	
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	
Maximum allowed emissions –				
annual:	Tons	Tons	Tons	Tons
Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	MBR-89-COM-31	MBR-89-COM-31	MBR-89-COM-31	



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

В.	Fuels and	Emissions	(cont)
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4.	Ozone season	emissions -	May 1	through	September	30:
----	--------------	-------------	-------	---------	-----------	-----

0.0463	0.6002
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	2.
----------------	----

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



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Importan When filli out forms the comp use only tab key to move you use the re







		nission Onit – Fuer Otilization Equipment	Facility AQ identifier
Important: When filling out forms on	Α.	Equipment Description	
the computer, use only the	1.	Facility identifiers:	
tab key to		CLEAN HARBORS OF BRAINTREE INC	
move your cursor - do not		a. Facility name	4400504
use the return key.		b. DEP Account number	1190564 c. Facility AQ identifier – SSEIS ID number
tab	2.	Emission unit identifiers:	o. I domey Act destance Goze to Humber
		CUMMINS GENERATOR #2 (NT855G2, DIESEL)	
return		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:	
		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	ovals?
	5.	If exempt from Plan Approval, indicate reason why ((e.g., cite a specific DEP regulation):
How to		BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15 Reason for exemption	
delete a unit? (click ?-icon)	6.	Emission unit installation date and decommission date 8/1/1999	ate:
		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 nun	nber and name for the unit being replaced below:
		b. DEP's emission unit number and facility unit name	
	8.	Additional state reporting requirements:	
		a. Are there other routine air quality reporting requir	ements for this emissions unit?
		✓ yes - specify reporting frequency below	☐ no – skip to question 8c
		b. Reporting frequency - check all that apply:	
		☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annua	ıl ☐ 4. Annual 🗹 5. RES
		(include Operating Permit and Plan Approval reports, but not exc	eedance reporting)
		c. Is this unit subject to (check all that apply):	
		□ NESHAP □ NSPS □ MACT	



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

2013 Year of record 50 DEP EU# (old Point #) 1190564 Facility AQ identifier

A. Equipment Description (cont.)

?	9.	Equipment:	? F	EPA Unit T	ype Code (eDEP o	only): RECIPRO	CATIN	G IC ENGINE
How to report on combined		a. Type: 🔲 I	boiler \square	furnace	✓ engine	☐ otl	ner:		
units?	9	If engine, is t	_		•	yes	Describe "other	r" equipm	nent type
		CUMMINS			_	_ ,	 125-DGEA		
		b. Manufacturer					c. Model number		
?		d. Max input rati	ng MMBtu/hr	r (must be gre	ater than 0)		e. Number of burn	ers (ente	r "0" if not applicable)
What to do		· · · · · ·							<u></u>
unknown or not available ?		f. Type of bu	rner – che	ck one:	∐ rotar	-	mech. atom		steam atomizer
iot available:							traveling gra	ate	☐ hand fired
					othe	r:	"other" burner type)	
		g. Burner manuf	acturer				h. Burner model nu	ımber	
		i. Burner installa	ition date (m	ım/dd/vvvv)					
			(, , , , , ,					
?									
	10.	Hours of ope	ration for t	the emissio	n unit:	a. 🗌 c	heck if continuo	usly op	erated – 24 x 7 x 52
		1			1	.		10	and an effect of a second
		b. Number of ho			c. Number o				imber of weeks per year
				•		ırs in ea	nch calendar qua		
		27.2 Q1	23.9 Q2	32.6 Q3	$\frac{16.3}{Q4}$		Sum of Q1+Q2+Q or 0% if the unit wa		st = 100%, erated for any quarter
	11					hrough	September 30:		
		1	л орегано	on schedule	= Iviay i ti 1	ilougii	September 30.	4	
		a. Ozone seaso	n hours per c	day	b. Ozone se	eason da	ys per week	c. We	eks operated in ozone season
	12.	Emission rele	ease point	– select or	ne: ?	Eng	jines click here for in	nstruction	ns:
		Non-Stack	Release F	Points:		F	hysical Stacks:		
		fugitive		orizontal ve		<u> </u>	vertical stack		
		engine e		ownward fa : less than 1		L	vertical with ra	ain cap	/sleeve
		If Non-Stack							
	13.) – pick	from the list be	low:	
		7 1 STACK		•	• •				
		•			_		ne use STACK form		
		Facility's stack in	dentifier from	STACK form	- to change s	stack nan	ne use STACK form		rm before completing to this for



BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

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?	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	
	a. Type	Туре	Туре	
Do not leave blank –	b. Manufacturer	Manufacturer	Manufacturer	
if unknown write 'unknown' or	c. Model number	Model number	Model number	
estimate	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device	
>	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	
Leave f, g, h 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)	
PM 10	? i. Percent overall efficiency - er	nter for all pollutants that the device	was designed to control:	
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.	
Caro	% Overall eff.	% Overall eff.	% Overall eff.	
	Specify "Other"	Specify "Other"	Specify "Other"	



Massachusetts Department of Environmental Protection

Bureau of Waste Prevention - Air Quality

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

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

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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: 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:					
		Describe "other"	Describe "other"	Describe "other"				



BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2013 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		
? How does eDEP andle multiple uels?		Number of fuels for this unit (previous records): 1	1		
			DEP Fuel #		
	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 ?	and the next report eyels.		
		a. Source Classification Code (SCC)	20200102		
		(see instructions):	SC Code (call DEP if SC code will not validate)		
		(occ mondono).	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):	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		
			. S monat mook day mou		
			CAUTION: check your amount vs.units		
			0.1104 1000 GALLONS		
	2.	Annual usage:	a. Amount – year of record b. Units		
		Enter "0" if not used in the year of record	.162 1000 GALLONS		
		Enter of it flot dood in the year of feeding	c. Total annual usage for prior year of record – eDEP only		



Bureau of Waste Prevention - Air Quality

Emission Unit - Fuel Utilization Equipment

1190564

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DEP EU# (old Point #)

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	0.0034	0.0034	0.0010	0.0489
	eDEP only:	Tons	Tons	Tons	Tons
		0.0023	0.0023	0.0007	0.0334
	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
G	Maximum allowed emissions –				
	annual:	Tons	Tons	Tons	Tons
	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
	Short term period (or MMBtu):				
2	Basis – DEP approval number or regulation:	EXEMPT	EXEMPT	EXEMPT	EXEMPT

other: Pollutant: □ co □ VOC ☐ NH3 specify 0.0038 0.0034 0.0105 Actual for previous year Tons Tons eDEP only: Tons Tons 0.0072 0.0026 0.0023 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.)

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4.	Ozone season	emissions -	May 1	through	September	30:
┱.	Ozone season	CITII3310113 —	iviay i	unougn	September	J

0.0146	0.1895			
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.



Emission Unit - Fuel Utilization Equipment

2013 Year of record DEP EU# (old Point #) 1190564

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		iission onit – r dei otilization Equipment	Facility AQ identifier						
Important: When filling out forms on	Α.	Equipment Description							
the computer, use only the	1.	Facility identifiers:							
tab key to move your		CLEAN HARBORS OF BRAINTREE INC							
cursor - do not		a. Facility name 34839	1100564						
use the return key.		b. DEP Account number	1190564 c. Facility AQ identifier – SSEIS ID number						
tab	2.	Emission unit identifiers:	,						
		CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S	8)						
return		a. Facility's choice of emission unit name – edit as needed	2						
		b. Facility's emission unit number / code – edit as needed	3 c. DEP emissions unit # – old point #						
		d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units						
	3.	DEP approvals – leave blank if not applicable:							
		MBR-86-COM-027	9/11/1986						
		a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)						
	4.	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):							
How to		Reason for exemption							
delete a unit?	6.	Emission unit installation date and decommission da	te:						
(click ?-icon)		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	ber and name for the unit being replaced below:						
		b. DEP's emission unit number and facility unit name							
	8.	Additional state reporting requirements:							
		a. Are there other routine air quality reporting require	ments for this emissions unit?						
		✓ yes - specify reporting frequency below	☐ no – skip to question 8c						
		b. Reporting frequency - check all that apply:							
		☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual	✓ 4. Annual ✓ 5. RES						
		(include Operating Permit and Plan Approval reports, but not exce	_						
		c. Is this unit subject to (check all that apply):							
		✓ NESHAP □ NSPS □ MACT							
		LINEOLINE HINOLO							



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

2013 Year of record 3 DEP EU# (old Point #) 1190564 Facility AQ identifier

A. Equipment Description (cont.)

?	9.	Equipmer	Equipment: PPA Unit Type Code (eDEP only): BOILER						
How to report on combined		a. Type:	✓ boiler [furnace	engine	oth	ner:		
units ?	?	If engine, is this an emergency generator? yes no							
		CLEAVE	R BROOKS				CB800-150		
		b. Manufact	turer				c. Model number		
?			t rating MMBtu	/hr (must be gre	eater than 0)	2		ners (ente	er "0" if not applicable)
rynat to do f data unknown or		f. Type of	burner – ch	eck one:	☐ rotary		✓ mech. ator	mizer	steam atomizer
not available?					air atd	omizer	☐ traveling g	rate	☐ hand fired
					other:	•			
		CL BROO	OKS				"other" burner typ		
		g. Burner m					h. Burner model r		
		9/1/1986 i. Burner ins	stallation date ((mm/dd/yyyy)					
				, ,,,,,,					
	4.0								
	10.		operation to	r the emission		a. ∐ cl	neck if continuo		erated – 24 x 7 x 52
		b. Number of	of hours per day	y	5 c. Number of	f days pe	er week	12 d. Nu	umber of weeks per year
		e. Percen	nt of total and	nual operatio	on that occui	rs in ea	ıch calendar qı	uarter:	
		100	0	0	0.0		Sum of Q1+Q2+0	Q3+Q4 mı	
		Q1	Q2	Q3	Q4		or 0% if the unit v	vas not op	perated for any quarter
	11	. Ozone se	eason operat	tion schedule	e – May 1 th	rough	September 30:		
		0	eason hours pe		b. Ozone se	do	vo nor wools	0	eks operated in ozone season
		a. Ozone se	eason nours pe	i uay	b. Ozone se	ason uay	ys per week	C. VVE	eks operated in ozone season
					_				
	12	. Emission	release poir	nt – select oi	ne: ?	Eng	ines click here for	instruction	ns: ?
		Non-Sta	ack Release	Points:		P	hysical Stacks	:	
		fugit		horizontal ve			vertical stack		
				downward fa nt less than		L	vertical with	rain cap	/sleeve
				nt, skip to ques					
	13		•			– pick	from the list be	elow:	
							2 FUEL OIL		
					_		ne use STACK form		rm before completing to this forn



Massachusetts Department of Environmental Protection

Bureau of Waste Prevention - Air Quality

Emission Unit - Fuel Utilization Equipment

A. Equipment Description (cont.)

2013 Year of record 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 ?	yes – answer a through i	✓ no – skip to question 15	this unit. eDEP will add another page of control devices after this form.
	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
	a. Type	Туре	Туре
Do not leave blank –	b. Manufacturer	Manufacturer	Manufacturer
if unknown write 'unknown' or	c. Model number	Model number	Model number
estimate	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device
	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
Leave f, g, h 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 - 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.)

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

w to delete

□ ves – answer a through I

□ no – skip to section B

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a monitor?	yes answer a	unought 💌 no skip to	SCORIOTI D	
		Monitor 1	Monitor 2	Monitor 3
	a. Monitor type:	check only one: CEM Opacity other - describe:	check only one: CEM Opacity other - describe:	check only one: CEM Opacity other - describe:
Do not leave blank – if unknown write 'unknown' or estimate	b. Manufacturer: c. Model number:	Describe "other"	Describe "other"	Describe "other"
	d. Monitor ID #: e. Installation date:	Facility's Designation	Facility's Designation	Facility's Designation
	f. DEP approval #:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
Leave f, g, h blank if not applicable.	g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
арриоавіс.	h. Decommission date: 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"



BWP AQ AP-1

Emission Unit – Fuel Utilization Equipment

2013 Year of record DEP EU# (old Point #) 1190564 Facility AQ identifier

B. Fuels and Emissions

		5 W (0)	BOILER #1-CLEAVER E	BROOKS #2 OIL-0.3 PE
	1.	Fuel Name / Characteristics:	Fuel name	
		Number of fuels for this unit (previous records): 1	1	
2			DEP Fuel #	
How does eDEF andle multiple uels?	0	Add a NEW fuel: Check the box if you need to add a fuel that you did not report on previously (eDEP will add a blank Sect. B form to your package).		ly. You must still report for amount is "0" – the fuel will
		When to NOT check this box ?		
		a. Source Classification Code (SCC)	10200501	
		(see instructions):	SC Code (call DEP if SC code DIST.OIL- GRADE NO.1	
			SCC Code Description - filled b	y 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 - de	scribe:
			Describe "other" fuel	
		c. Sulfur content for oils and coal $(0 - 2.2)$:	.138	
		o. Canan comon 15: eno ana ecar (c = 1=).	Percent by weight	
		d. Ash content for oils and coal (0 -10):	0	
Note for e: Enter the Maximum Fuel Rate at		Marian and broad for all Grings broad and	Percent by weight 0.02	1000 GALLONS
which the unit can burn		e. Maximum hourly fuel rate for all firing burners:	Amount	Units per hour
fuel (its absolute uncontrolled			Enter "0" if unit decommissioned	
design capacity). Do		f. Do you have fuel or usage restrictions?	yes no - skip to q	uestion 2
not enter the		g. DEP approval number for restrictions:	MBR-95-RES-047	
normal operation rate nor any restricted		g. 22. approval number for recentered.	Most recent for this fuel	
(allowable)		h Annual use restriction (amount or hours):	376680	GALLONS
rate.		h. Annual use restriction (amount or hours): 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 v	s.units
	2.	Annual usage:	11.4000	1000 GALLONS
	۷.	-	a. Amount – year of record	b. Units
		Enter "0" if not used in the year of record	.4 1000 GAL	
			 c. Total annual usage for prior y 	rear 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:

2013
Year of record
3
DEP EU# (old Point #)
1190564
Facility AQ identifier

other:



Pollutant:	□ PM10	☐ PM2.5	□ SO2	□ NO2
Actual for previous year	0.0004	0.0002	0.0085	0.0040
eDEP only:	Tons	Tons	Tons	Tons
	0.0114	0.0047	0.2428	0.1140
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	24.000000
in pounds per unit:	1000 GALLONS	1000 GALLONS	1000 GALLONS	1000 GALLONS
Maximum allowed emissions – annual:	Tons	Tons	Tons	Tons
	10113	10113	10113	10113
Maximum allowed emissions – short term: Short term period (or MMBtu):	Pounds	Pounds	Pounds	Pounds
Short term period (or MMBtu):				
Basis – DEP approval number or regulation:	MBR-86-COM-027	MBR-86-COM-027	MBR-86-COM-027	MBR-86-COM-02

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:

					otner:
	Pollutant:	□ со	□ voc	□ NH3	specify
	Actual for previous year	0.0010	0.0001	0.0002	
	eDEP only:	Tons 0.0285	Tons 0.0019	Tons 0.0046	Tons
	Actual for year of record:	Tons	Tons	Tons	Tons
	Potential emissions at max	0.4380	0.0175	0.0701	
	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 –				
奆	annual:	Tons	Tons	Tons	Tons
For this fuel only	Maximum allowed emissions – short term:	Pounds	Pounds	Pounds	Pounds
this.	Short term period (or MMBtu):		·	·	
P.	Basis – DEP approval number or regulation:	MBR-86-COM-027		MBR-86-COM-027	



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

B.	Fuels	and	Emissions	(cont)	١

2013
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 Protection Bureau of Waste Prevention – Air Quality

2013 Year of record DEP EU# (old Point #) 1190564

lm W ou the us tal m cu us







	En	nission Unit – Fuel Utilization Equipment	Facility AQ identifier		
Important: When filling out forms on	Α.	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	1190564		
		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number		
tab	2.	Emission unit identifiers:			
return		HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL Ca. Facility's choice of emission unit name – edit as needed 2	0IL-0.3 S		
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # – old point #		
		d. ORIS ID # - for large electrical utilities only	e. Combined Units – enter number of individual units		
	3.	DEP approvals – leave blank if not applicable:			
		a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)		
	4.	Is this unit exempt under 310 CMR 7.02 Plan Approvals? ☑ yes □ no			
	5.	If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):		
		BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15			
How to delete	٠.	Reason for exemption	40.		
a unit? (click ?-icon)	Ю.	Emission unit installation date and decommission da 5/1/2003	ile.		
_		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	ber and name for the unit being replaced below:		
		b. DEP's emission unit number and facility unit name			
	8.	Additional state reporting requirements:			
		a. Are there other routine air quality reporting require	ements for this emissions unit?		
		✓ yes - specify reporting frequency below	no – skip to question 8c		
		b. Reporting frequency - check all that apply:			
		☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annual	✓ 4. Annual ✓ 5. RES		
		(include Operating Permit and Plan Approval reports, but not exce	edance reporting)		
		c. Is this unit subject to (check all that apply):			
		✓ NESHAP □ NSPS □ MACT			



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

2013 Year of record 2 DEP EU# (old Point #) 1190564 Facility AQ identifier

A. Equipment Description (cont.)

	Equipment	t:	EPA Unit T	Type Code (eDEP o	nly): BUILER	
	a. Type: 🛭	✓ boiler	☐ furnace	engine oth	ner:	
<u>?</u>	_		emergency g	_	Describe "other" equipr	ment type
	HURST					
	b. Manufactu	ırer			c. Model number	
		rating MMRt	u/br (must be ar	eater than (1)		er "O" if not applicable)
	u. Max Iliput	Taurig Minibu	u/iii (iiiust be gi	?	e. Number of burners (enti-	er o ir not applicable)
	f. Type of I	burner – c	heck one:	☐ rotary	mech. atomizer	steam atomizer
				air atomizer	☐ traveling grate	☐ hand fired
				other:		
	HURST					
		nufacturer			h. Burner model number	
	5/1/2003					
	i. Burner insta	allation date	(mm/dd/yyyy)			
10.		peration fo	or the emission	on unit: a. dt 7		perated – 24 x 7 x 52
		hours per d		c Number of days pe		umber of weeks per year
		•	•	•		ambor or woone per year
			-		-	uot – 100%
	Q1	Q2	Q3	Q4		
11.	Ozone sea	ason opera	ation schedul	e – May 1 through	September 30:	
	0			·	- op 10111201 001	
				0	0	
	a. Ozone sea	ason hours p	er day	b. Ozone season day		eeks operated in ozone season
		ason hours p	er day	b. Ozone season day		eeks operated in ozone season
40	a. Ozone sea	·	·		vs per week c. We	
12.	a. Ozone sea	·	er day sint – select o			
12.	a. Ozone sea	·	int – select o	ne: P	vs per week c. We	
12.	a. Ozone sea Emission r Non-Sta	release po ck Releas ve	int – select o e Points:] horizontal v	ne: Pent	rs per week c. Wo	ns: ?
12.	a. Ozone sea	release po ck Release ve	int – select o e Points:] horizontal v] downward f	ne: Pent acing vent	rs per week c. We ines click here for instruction hysical Stacks:	ns: ?
12.	a. Ozone sea	release po ck Release ve le exh. cal stack/ve	int – select o e Points:] horizontal v] downward f ent less than	ne: ? Eng	rs per week c. Wo	ns: ?
	Emission r Non-Sta	release po ck Release ve le exh. lal stack/ve ck release po	e Points: horizontal volume downward for the less than boint, skip to questing.	ent acing vent 10ft	ines click here for instruction hysical Stacks: vertical stack vertical with rain cap	ns: ?
	a. Ozone sea Emission r Non-Star fugitive engin vertice If Non-Stac Link this ur	release po ck Release ve le exh. le exh. cal stack/ve ck release po nit to a phy	oint – select on e Points:] horizontal volume distribution of the point, skip to questysical stack (in the point, skip to questysical stack (in the point)	ent acing vent 10ft	rs per week c. Wo	ns: ?
		HURST b. Manufactu 2.0910 d. Max input f. Type of I HURST g. Burner ma 5/1/2003 i. Burner insta 10. Hours of o 24 b. Number of e. Percent 13.5 Q1	HURST b. Manufacturer 2.0910 d. Max input rating MMBtr f. Type of burner – c HURST g. Burner manufacturer 5/1/2003 i. Burner installation date 10. Hours of operation for 24 b. Number of hours per date e. Percent of total ar 13.5 Q1 Q2	HURST b. Manufacturer 2.0910 d. Max input rating MMBtu/hr (must be gr f. Type of burner – check one: HURST g. Burner manufacturer 5/1/2003 i. Burner installation date (mm/dd/yyyy) 10. Hours of operation for the emission of the em	HURST b. Manufacturer 2.0910 d. Max input rating MMBtu/hr (must be greater than 0) f. Type of burner – check one: rotary air atomizer other: HURST g. Burner manufacturer 5/1/2003 i. Burner installation date (mm/dd/yyyy) 10. Hours of operation for the emission unit: a. check concerts of total annual operation that occurs in each concerts of the days per concerts of total annual operation that occurs in each concerts of the days per concerts of total annual operation that occurs in each concerts of the days per concerts of total annual operation that occurs in each concerts of the days per concerts of total annual operation that occurs in each concerts of the days per concerts of total annual operation that occurs in each concerts of the days per concerts of total annual operation that occurs in each concerts of the days per co	HURST b. Manufacturer 2.0910 d. Max input rating MMBtu/hr (must be greater than 0) f. Type of burner – check one: air atomizer traveling grate other:



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	14.	. Is there a pollution control devi	ce on this emissions unit?	Check here if you need to report more than 3 air pollution control devices on
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 –		b. Manufacturer	Manufacturer	Manufacturer
if unknown write 'unknown' or		c. Model number	Model number	Model number
estimate	<u> </u>	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device
	U	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
Leave f, g, h		f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)
blank if not applicable.		g. DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
		h. Decommission date (mm/dd/vvvv)	Decommission date (mm/dd/vvvv)	Decommission date (mm/dd/vvvv)

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.)

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

2013

?
How to delete
a monitor?

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

		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	b. Manufacturer:	Describe "other"	Describe "other"	Describe "other"
estimate	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)
Leave f , g , h blank <mark>≺</mark> if not	g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
applicable.	h. Decommission date:			
	i. Recorder ?	(mm/dd/yyyy) □ yes □ no	(mm/dd/yyyy) □ yes □ no	(mm/dd/yyyy) yes no
	j. Audible alarm ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
	k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
	I. Monitored pollutants (check all that apply):	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe:	PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe:
		Describe "other"	Describe "other"	Describe "other"



Bureau of Waste Prevention - Air Quality

BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

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

B. Fuels and Emissions

	1.	Fuel Name / Characteristics:	BOILER #2-HURST #30 - #2 OIL-0.3 SULFU
	١.		Fuel name
How does eDEF nandle 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 ?	
		a. Source Classification Code (SCC) (see instructions):	10200501 SC Code (call DEP if SC code will not validate) DIST.OIL- GRADE NO.1 OR NO.2 OIL
		h Type of fuel shock one:	SCC Code Description – filled by eDEP
		b. Type of fuel – check one:	
			☐ 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 uncontrolled		e. Maximum hourly fuel rate for all firing burners:	Percent by weight 0.0155 Amount Inits per hour Enter "0" if unit decommissioned prior to this Year of Record.
design capacity). Do		f. Do you have fuel or usage restrictions?	yes no - skip to question 2
not enter the normal		g. DEP approval number for restrictions:	EXEMPT
operation rate nor any restricted (allowable)			Most recent for this fuel
rate.		h. Annual use restriction (amount or hours): For this fuel	111252.0000 GALLONS Units
		i. Short term use restriction (amount or hours):	9271.0000 GALLONS
		For this fuel	Quantity Units
			Per: 🗹 month 🗌 week 🔲 day 🔲 hour
			CAUTION: check your amount vs.units
	2.	Annual usage:	10.0950 1000 GALLONS
		Enter "0" if not used in the year of record	a. Amount – year of record b. Units 10.089 1000 GALLONS

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



Bureau of Waste Prevention - Air Quality

Emission Unit - Fuel Utilization Equipment

B. Fuels and Emissions (cont.)

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

2013 Year of record DEP EU# (old Point #) 1190564 Facility AQ identifier



	Pollutant:	☐ PM10	☐ PM2.5	□ SO2	□ NO2
	Actual for previous year	0.0101	0.01	0.23	0.24
	eDEP only:	Tons 0.0101	Tons 0.0042	Tons 0.2150	Tons 0.1010
	Actual for year of record:	Tons	Tons	Tons	Tons
	Potential emissions at max	0.4820	0.0120	0.9441	1.5630
	capacity uncontrolled:	Tons	Tons	Tons	Tons
	Emission factor:	1	0.25	142	24
	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):				
호 (Pasis – 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 0.0017 0.0040 0.0252 Actual for previous year Tons Tons eDEP only: Tons Tons 0.0252 0.0017 0.0040 Actual for year of record: Tons Tons Tons Tons 0.2409 0.0096 0.0385 Potential emissions at max Tons Tons capacity uncontrolled: Tons Tons 5 0.20 0.80 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions annual: Tons Tons Tons Tons For this fuel only Maximum allowed emissions -Pounds Pounds Pounds Pounds short term: 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

В.	Fuels	and	Emissions	(cont.)
				()

2013
Year of record
2
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.

Bureau of Waste Prevention - Air Quality

BWP AQ AP-2

Emission Unit - Process Description

2013 Year of record 5 DEP EU# (old Point #)

1190564 Facility AQ identifier

Important: When filling out forr the con use onl tab key move y cursor use the key.

A. Emission Unit - Process Description

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

out forms on		•	
the computer, 1. Facility identifiers:			
use only the tab key to		CLEAN HARBORS OF BRAINTREE INC	
move your		a. Facility name	
cursor - do not use the return		34839	1190564
key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
tab			
	2.	Emission unit identifiers:	
return		2 DRUM CRUSHING LINES	
		a. Facility's choice of emission unit name – edit as needed	
		5	5
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # (old SSEIS Point #)
		d. Combined Units – enter number of individual units	
?	3.	DEP approvals – leave blank if not applicable:	
		MBR-87-IND-191	1/13/1988
		a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)
	4.5.	Is this unit exempt under 310 CMR 7.02 Plan Appro	
		Reason for exemption	
	6.	Equipment manufacturer and model number and ty	pe:
		GREENBECK	18 SWB
How to report on combined		a. Manufacturer DRUM CRUSHER	b. Model number
units?		c. Equipment Type	
?		d. EPA Unit Type Code : CRUSHER	
How to delete a unit? (click ?-icon)	7.	Emission unit installation and decommission dates: 6/1/1986	

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

2013
Year of record
5
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Emission Unit – Process Description (cont.)

8.	Emission unit replacement:			
	a. Is this unit replacing another	er emission unit?		
	✓ no yes – enter DE	EP's emissions unit	t number for the unit	being replaced below:
	DEP's emission unit number and facil	litv unit name		
•				
9.	Additional state reporting requ	urements:		
	a. Are there other routine air o		•	
	yes – specify reporting free	quency below	no – skip to	question 9c
	b. Reporting frequency – chec	ck all that apply:		
	☐ Monthly ☐ Quarterly ☐	Semi-annual	Annual 🗹 RES	
	(include Operating Permit and Plan	Approval reports, but no	ot exceedance reporting)	
	c. Is this unit subject to (chec	_		
	☐ NESHAP ☐ NSPS ☐	MACT		
10	. Hours of operation for the emi	ission unit: a. [check if continuous	sly operated – 24 x 7 x 52
10	. Hours of operation for the emi	ission unit: a. [1	check if continuous	sly operated – 24 x 7 x 52 6
10	· _	ission unit: a. [<mark>1</mark> c. Number of da		_
10	5	c. Number of da	ys per week	6 d. Number of weeks per year
10	b. Number of hours per day e. Percent of total annual oper 0.0 0 26.	c. Number of darration that occurs in 73.3	nys per week n each calendar quar	6 d. Number of weeks per year rter: +Q4 must = 100%
?	b. Number of hours per day e. Percent of total annual oper 0.0 0 26. Q1 Q2 Q3	c. Number of darration that occurs in 7 24	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa	d. Number of weeks per year
?	b. Number of hours per day e. Percent of total annual oper 0.0 0 20 26. Q1 Q2 Q3 Ozone season schedule – Ma	c. Number of darration that occurs in 7 24	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa	6 d. Number of weeks per year rter: +Q4 must = 100%
?	b. Number of hours per day e. Percent of total annual oper 0.0 0 26. Q1 Q2 Q3	c. Number of darration that occurs in 7 24	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa	6 d. Number of weeks per year rter: +Q4 must = 100%
?	5 b. Number of hours per day e. Percent of total annual oper 0.0 Q1 Q2 Q2 Q3 Ozone season schedule – Ma 5	tration that occurs in the following state of	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa	6 d. Number of weeks per year rter: +Q4 must = 100% s not operated for any quarter)
11	5 b. Number of hours per day e. Percent of total annual oper 0.0 Q1 Q2 Q2 Q3 Ozone season schedule – Ma 5	ration that occurs in 7 73.3 Q4 Through Septem 1 b. Ozone season	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa	6 d. Number of weeks per year rter: +Q4 must = 100% s not operated for any quarter)
11	b. Number of hours per day e. Percent of total annual oper 0.0 0 Q2 26. Q1 Q2 Q3 Ozone season schedule – Ma 5 a. Ozone season hours per day	ration that occurs in 7 73.3 Q4 ry 1 through Septem 1 b. Ozone season	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa	6 d. Number of weeks per year rter: +Q4 must = 100% s not operated for any quarter)
11	b. Number of hours per day e. Percent of total annual oper 0.0 0 26. Q1 Q2 Q3 . Ozone season schedule – Ma 5 a. Ozone season hours per day Emission release point – select Non-Stack Release Points: fugitive horizonta	ration that occurs in 7 73.3 Q4 ry 1 through Septem 1 b. Ozone season ct one: ?	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa mber 30: n days per week Physical Stacks: vertical stack	d. Number of weeks per year rter: +Q4 must = 100% s not operated for any quarter) 2 c. Weeks operated in ozone season
11	b. Number of hours per day e. Percent of total annual oper 0.0 Q1 Q2 Q3 Ozone season schedule – Ma 5 a. Ozone season hours per day Emission release point – select Non-Stack Release Points: Guitive Gu	ration that occurs in 7	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa mber 30: n days per week Physical Stacks:	d. Number of weeks per year rter: +Q4 must = 100% s not operated for any quarter) 2 c. Weeks operated in ozone season
11	b. Number of hours per day e. Percent of total annual oper 0.0	ration that occurs in 7	nys per week n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa mber 30: n days per week Physical Stacks: vertical stack	d. Number of weeks per year rter: +Q4 must = 100% s not operated for any quarter) 2 c. Weeks operated in ozone season
11 12	b. Number of hours per day e. Percent of total annual oper 0.0 Q1 Q2 Q3 Ozone season schedule – Ma 5 a. Ozone season hours per day Emission release point – select Non-Stack Release Points: Guitive Gu	ration that occurs in ration r	n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa mber 30: n days per week Physical Stacks: vertical stack vertical with rai	d. Number of weeks per year reter: +Q4 must = 100% s not operated for any quarter) 2 c. Weeks operated in ozone season in cap/sleeve
11 12	b. Number of hours per day e. Percent of total annual oper 0.0 0 26. Q1 Q2 Q3 Ozone season schedule – Ma 5 a. Ozone season hours per day Emission release point – select Non-Stack Release Points: fugitive	ration that occurs in 7	n each calendar quar Sum of Q1+Q2+Q3- (or 0% if the unit wa mber 30: days per week Physical Stacks: vertical stack vertical with rai pick from the list belo	6 d. Number of weeks per year rter: +Q4 must = 100% s not operated for any quarter) 2 c. Weeks operated in ozone season in cap/sleeve

Bureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2013
Year of record
5
DEP EU# (old Point #)
1190564
Facility AO identifier

A. Emission Unit – Process Description (cont.)

?	yes – answer a t	hrough I	o to Question 15	devices ?
How to delete 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

2013
Year of record
5
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Emission Unit – Process Description (cont.)

2	15.	Are there air pollution control de	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 Section B	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		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 – en	nter for all pollutants that the device wa	as designed to control:
PM 10		0/ 0	% Overall eff.	0/ 0
PM 2.5	5	% Overall eff.	% Overall eff.	% Overall eff.
SO2		% Overall eff.	% Overall eff.	% Overall eff.
		% Overall eff.	% Overall eff.	% Overall eff.
CO	,	% Overall eff.	% Overall eff.	% Overall eff.
VOC	;	% Overall eff.	% Overall eff.	% Overall eff.
NO2	2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	3	% Overall ell.		% Overall ell.
HOC	;	% Overall eff.	% Overall eff.	% Overall eff.
HYC		% Overall eff.	% Overall eff.	% Overall eff.
		% Overall eff.	% Overall eff.	% Overall eff.
Hg	J	% Overall eff.	% Overall eff.	% Overall eff.
Pb)	% Overall eff.	% Overall eff.	% Overall eff.
Other	•			0/ Overall off
		% Overall eff.	% Overall eff.	% Overall eff.
		Specify "Other"	Specify "Other"	Specify "Other"

Massachusetts Department of Environmental ProtectionBureau of Waste Prevention – Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2013
ear of record
DEP EU# (old Point #)
190564
acility AO identifier

	B. Emissions for Raw Materials/Finished Products							
		Add a NEW material / product: Check the box if you need to add a material or product that you did not report on previously (eDEP will add a blank Sect. B form to your package).	unit p <i>ermanently</i> . You mu	or making this product in this st still report data for this year "0" – the material / product				
	1.	Operation description:	RCRA EMPTY DRUMS					
2		a. Raw material or finished product name:						
ow does eDEP andle multiple		Number of segments for this unit (previous records): 1 b. Is material/product an input or output?	✓ input □ output	1 DEP#				
aw materials or nished roducts ?		c. Process description:	2 DRUM CRUSHING LIN	IES DRUMS				
		d. Source Classification Code (SCC): (see instructions)	3999998 SC Code (call DEP if SC Code	will not validate)				
		(See Instructions)	MISC INDUSTRIAL PRO					
		a Maximum presses rate for material/anady et	SCC Description – filled by eDE	EP upon validation 1000 EACH				
?		e. Maximum process rate for material/product:	Amount	Units per hour				
ote: efinition of laximum rocess rate		f. If organic material, give weight % of:	VOC	HOC				
		Total actual row material was der finished	HYC 1.1240	1000 EACH				
		g. Total actual raw material used or finished product produced for year of record:	Amount	Units				
		Enter "0" if not used in the year of record	Prior year – eDEP only	1000 EACH Units prior year				
	?	h. Do you have raw material or finished product restrictions?	☐ yes no – skip	to question 1.I				
	?	i. DEP approval number for restrictions:	Most recent approval number for	or this material or product				
`		j. Short term raw material/finished product						
		restriction – if none, leave blank:	Quantity (amount or hours)	Units				
			Per: month weel	k ∐ day ∐ hour				
		k. Annual material/product restrictionif none, leave blank:	Quantity (amount or hours)	Units				
		I. Indicate which air pollution control devices from Section A, Question 15 control this	Device ID #	Device ID #				
		(material/product by listing the facility- designated control device ID # for each unit	Device ID #	Device ID #			
		that applies:	Device ID #	Device ID #				
		How to make a new air pollution control device appear in these drop menus?	check here if ALL air pollur unit apply to this material/p					
	0	9/19/05	BWP AQ AP-2 Emission Unit –	Process Description • Page 5				

Bureau of Waste Prevention - Air Quality

BWP AQ AP-2

Emission Unit - Process Description

2013 Year of record 5

DEP EU# (old Point #) 1190564

Facility AQ identifier

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

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

	2. Total emissions for this	material/produ	uct – tons per ye	ear:		
Important: Leaving blanks for	Pollutant	PM10	PM2.5	SO2	NO2	со
Actual and Potential emissions means that you are certifying that	Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
there were less than 0.0001 (or zero) tons of emissions for each	Actual for year of record:	Tons	Tons	Tons	Tons	Tons
blank.	Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Emission factor:					_
	In pounds per unit::					_
al or	Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
For this material or product only	Max allowed — short term:	Pounds	Pounds	Pounds	Pounds	Pounds
r this produ	Short term period:		_	_		_
E 5	Basis: DEP approval number or regulation:					
Important:						Other:
Reporting now required for	Pollutant	voc	нос	*Reserved*	NH3	specify
t-Butyl Acetate	Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
	Actual for year of record:	0.0600 Tons	Tons	Tons	Tons	Tons
	Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Emission factor:	0.11	-			_

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

Actual for previous year eDEP only:		Tons	Tons	Tons	Tons	 Tons
	Actual for year of record:	0.0600	10113			10113
	Actual for year of record.	Tons	Tons	Tons	Tons	Tons
Pote	ential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Emission factor:	0.11			_	
	In pounds per unit:	1000 EACH			_	_
2	Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
	Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
	Short term period:		-	_		_
5	Basis - DEP approval number or regulation:	MBR-87-IND-		_	_	_

check to enter your own values

Bureau of Waste Prevention - Air Quality

BWP AQ AP-2

Emission Unit – Process Description

2013
ear of record
DEP EU# (old Point #) 1190564
acility AQ identifier

? 3.	Ozone season emissions – May 1 through September 30:			
	0.2160	0		
	a. Typical ozone day VOC emissions – pounds per day	b. Typical ozone day NOx emissions – pounds per day		
	✓ check to enter your own values	check to enter your own values		
	NOTE : The form has estimated the emissions for you. However, you may enter your own values by checking the boxes above for VOC and NOx.			

C. Notes and Attachments

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

2. Attachments:

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

Bureau of Waste Prevention - Air Quality

Emission Unit - Organic Material Storage

2013 Year of record 60 DEP EU# (old Point #) 1190564 Facility AQ identifier

Complete one AP-4	for	EACH or	ganic	material	storage	tank.
-------------------	-----	----------------	-------	----------	---------	-------

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

	p	•••
۹.	Equipment Description	
١.	Facility identifiers:	
	CLEAN HARBORS OF BRAINTREE INC	
	a. Facility name	
	34839	1190564
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
2.	Emission unit identifiers:	
	AG TANK B7- POLYOLEFIN H TANKS WASTEWA	TER 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

d. Combined Units - enter number of individual units

c. DEP emissions unit # - SSEIS point #



Emission unit installation and decommission dates:

3	/1	/2(Դ1	1	

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

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

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



Emission unit replacement:

a. Is this unit replacing another emission unit?

✓ no yes – enter DEP's emissions unit number for the unit being replaced below:

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

?)5.	Unit descriptions:

a. Description: v above ground below ground

b. Roof type: floating roof internal roof

✓ fixed other:

Specify other 19.13 9.25 6506

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

☐ steel weld ☐ rivet ☐ fiberglass Construction:

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

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

A. Equipment Description (cont.)

7. Material stored (at start of year):

•	WASTEWATER NO VOCS NOT APPLICABLE TO	REPORT
	a. Name of material	50300701
	b. CAS number if single chemical LIQUID WASTE GENERAL	c. SC Code for standing / breathing loss
?	d. SC Code description – filled by eDEP 52	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
	j. Oxygenate name – gasoline only	
8.	New material stored (enter new material if contents a. Name of material	changed during year of record):
	b. CAS number if single chemical	c. SC Code for standing / breathing loss
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only
	j. Oxygenate name – gasoline only	
B. 1.	Notes and Attachments Notes: please include in the space below any addit your submission.	tional information that will help DEP understand
	DID NOT LIST ANNUAL THROUGHPUT. APPLICABLE TO HAP/ VOC.	WASTE WATER TANK, NOT
:	L. Attachments: ☐ Check here to submit attachments.	ents to this form. For attachments that cannot be

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

paper copy of this form.

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2013
Year of record
57
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Cor	mplete one AP-4 for EACH organic material storage tan	ık.
Important: When filling out forms on	Α.	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 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 #
How to combine		d. Combined Units – enter number of individual units	
units?			
	3.	Emission unit installation and decommission dates:	
		3/1/2011	
		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable
How to 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:	Specify other
		19.25 9.25 6506	opeony outer
			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

2013
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 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 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

B. Notes and Attachments

j. Oxygenate name - gasoline only

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

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

2. Attachments:

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

for SC Code

help

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2013
Year of record
54
DEP EU# (old Point #)
1190564
Facility AQ identifier

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

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

combine units?

a unit?

A.	Equipment Description	
1.	Facility identifiers:	
	CLEAN HARBORS OF BRAINTREE INC	
	a. Facility name	
	b. DEP Account number	1190564 c. Facility AQ identifier – SSEIS ID number
	b. DEF Account number	c. Facility Act Identifier – 33E13 ID Humber
2.	Emission unit identifiers:	
	AG TANK B2- POLYOLEFIN TANK WASTEWAT	ER NO VOCS
	a. Facility's choice of emission unit name – edit as needed	
	h Facilité à amission unit number / code adit se needed	c. DEP emissions unit # - SSEIS point #
	b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - 55E15 point #
	d. Combined Units – enter number of individual units	
3.	Emission unit installation and decommission dates:	
	3/1/2011	b Daniel de la Carallella de la Carallel
	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:
	, _, _, _, _, _, _, _, _, _, _, _, _,	3 1
	b. DEP's Emission Unit Number and facility unit name	
	,	
5.	Unit descriptions:	
	a. Description: 🔽 above ground 🗆 below ground	nd

internal roof

6506

e. Capacity - gallons

Specify other

other:

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

d. Diameter - feet

☐ floating roof

9.25

✓ fixed

b. Roof type:

c. Height / Length - feet

19.13

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2013
Year of record
54
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

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

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

2013
Year of record
53
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.	Equipmen	nt Description		
	1.	Facility identifie	ers: ?		
			ORS OF BRAINTRE	E INC	
		a. Facility name			4400504
		b. DEP Account nu	umber		c. Facility AQ identifier – SSEIS ID number
	2.	Emission unit id	dentifiers:		
		AG TANK B1-	POLYOLEFIN	WASTEWATER	NO VOCS
			of emission unit name -	edit as needed	50
		53 h Facility's emission	on unit number / code – e	edit as needed	c. DEP emissions unit # – SSEIS point #
		b. I definty 3 cirrison	on aniit namber / code - c	dit as necueu	o. Det chilosions unit # Odelo point #
		d. Combined Units	– enter number of individ	dual units	
	3.	Emission unit in	nstallation and deco	mmission dates:	
		3/1/2011			
		a. Installation date	- estimate if unknown (m	nm/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.
2	4.	Emission unit r	eplacement:		
		a. Is this unit re	eplacing another emi	ission unit?	
		v no □	ves – enter DEP's e	emissions unit nu	mber for the unit being replaced below:
					5 1
		b. DEP's Emission	n Unit Number and facility	unit name	
<u></u>	5.	Unit description	ns:		
	•	C Goodpo.			
		a. Description:	above ground	below grour	nd
		b. Roof type:	☐ floating roof	internal roof	f
		,,	✓ fixed	other:	
					Specify other

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

6506

e. Capacity - gallons

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

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	_			
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			
	3 3 p			
h. RVP – gasoline only	i. Total oxygen percent – 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

Emission Unit - Organic Material Storage

2013 Year of record 52 DEP EU# (old Point #) 1190564 Facility AQ identifier

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

	Co	Complete one AP-4 for EACH organic material storage tank.			
Important: When filling out forms on	A	Equipment Description			
the computer, use only the	1.	Facility identifiers:			
tab key to		CLEAN HARBORS OF BRAINTREE INC			
move your cursor – do		a. Facility name			
not use the		34839	1190564		
return key.		b. DEP Account number	c. Facility AQ identifier - SSEIS ID number		
tab					
	2.	Emission unit identifiers:			
return		AG TANK 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:



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 Emission Unit Number and facility unit name				
5.	Unit descri	ptions:			
	- Di	Same II above assumed III below assumed			

a. Description:	✓ above ground	below ground	
b. Roof type:	☐ floating roof ☑ fixed	internal roof other:	Specify other
20 c. Height / Length -	6.00 d. Diameter – fe	6300.0000	<u> </u>

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

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of record
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	0.010			
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C			
(?)	52	15070.0000			
	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 additional information that will help DEP understand				
	your submission.				
	2 Attachments: Check here to submit attachm	onto 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

2013
Year of record
51
DEP EU# (old Point #)
1190564
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tan	k.
---	----

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

combine units?

a unit?

Α.	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 A13 (4,000 GAL), DIESEL LOW SULF				
	a. Facility's choice of emission unit name – edit as needed				
	51	51			
	b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #			
	d. Combined Units – enter number of individual units				
	1/1/1985 a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable Complete only if the unit was shut down permanently or replaced since the last report.			
4.	Emission unit replacement:				
ı	a. Is this unit replacing another emission unit?				
	✓ no				
	b. DEP's Emission Unit Number and facility unit name				
5.	Unit descriptions:				
!	<u>_</u>				
	a. Description: 🗹 above ground 🗌 below grou	nd			
	b. Roof type: I floating roof I internal roo	f			

other:

4000

e. Capacity - gallons

Specify other

✓ fixed

d. Diameter - feet

25

c. Height / Length - feet

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2013
Year of record
51
DEP EU# (old Point #)
1190564

Facility AQ identifier

A. Equipment Description (cont.)

Material stored (at start of year):				
DIESEL FUEL # 2				
68334305	40301021			
	c. SC Code for standing / breathing loss			
	0.010			
	e. Vapor pressure in PSI at 25° C			
	115384.0000			
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				
New material stored (enter new material if conten	its 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				
Notes : please include in the space below any additional information that will help DEP understand your submission.				
	h. RVP – gasoline only j. Oxygenate name – gasoline only New material stored (enter new material if contents) a. Name of material b. CAS number if single chemical d. SC Code description – filled by eDEP f. Temperature – typical storage temp. in °Fahrenheit h. RVP – gasoline only j. Oxygenate name – gasoline only Notes and Attachments			

2. Attachments:

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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

	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 A25 (1,000 GAL), PCB			
		a. Facility's choice of emission unit name – edit as needed			
		De Facilité à amission unit sumber / and a adit on readed	26		
		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:					
		1/1/1987			
?		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.		
?	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:			
		10.5 4 1000	Specify other		
		·	sity – gallons		

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

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

A. Equipment Description (cont.)

7.	Material stored (at start of year):			
	NONE			
	a. Name of material			
		50300899		
	b. CAS number if single chemical	c. SC Code for standing / breathing loss		
	WASTE DISP-INDUS /TREATMENT, STORAGE d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C		
9	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			
В.	Notes and Attachments			
1.	. Notes : please include in the space below any additional information that will help DEP understand your submission.			
	THIS TANK WAS NOT USED IN CALEND	AR YEAR 2013		
	2 Attachments: Check here to submit attachme	ents to this form. For attachments that cannot be		

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

paper copy of this form.

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

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

combine units?

a unit?

Complete one AP-4 for EACH organic material storage tank.					
Α.	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 A24 (2,400 GAL), PCB				
	a. Facility's choice of emission unit name – edit as needed				
	25	25			
	b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #			
	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			
		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:				

	b. DEP's Emission	Unit Number and facility	unit name		
,	Unit description	ns:			
	a. Description:	✓ above ground	below ground		
	b. Roof type:	☐ floating roof ☑ fixed	internal roof other:		
	10.5	7	2400	Specify other	
	c. Height / Length -	- feet d. Diameter - fe		/ – gallons	=

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

6. Construction:

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

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

A. Equipment Description (cont.)

7.	Material stored (at start of year):				
	OIL WITH POLYCHLORINATED BIPHENYLS				
	a. Name of material				
		50300899			
	b. CAS number if single chemical	c. SC Code for standing / breathing loss			
	WASTE DISP-INDUS /TREATMENT, STORAGE				
	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	s changed during year of record):			
	(is a considerable of the constant of the const			
	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.		itional information that will help DEP understand			
٠.	Notes : please include in the space below any additional information that will help DEP understand your submission.				
	TANK NOT USED IN YEAR 2013				
	TANK NOT USED IN TEAK 2013				

2. Attachments:

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paper copy of this form.

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2013
Year of record
24
DEP EU# (old Point #)
1190564
Facility AQ identifier

	Cor	mplete one AP-4 for EACH organic material storage tar	nk.
Important: When filling out forms on	A.	Equipment Description	
the computer,	1.	Facility identifiers: 7	
use only the tab key to		CLEAN HARBORS OF BRAINTREE INC	
move your cursor – do		a. Facility name	
not use the		34839	1190564
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
	2.	Emission unit identifiers:	
return		AG TANK A23 (2,400 GAL), PCB	
		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 #
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 ground	nd
		h Roof type: floating roof internal roof	f

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

other:

2400

e. Capacity - gallons

Specify other

✓ fixed

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

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

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

A. Equipment Description (cont.)

7.					
	OIL WITH POLYCHLORINATED BIPHENYLS				
	a. Name of material				
		50300899			
	b. CAS number if single chemical	c. SC Code for standing / breathing loss			
	WASTE DISP-INDUS /TREATMENT, STORAGE	0.03			
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C			
(?	52	U ·			
	f. Temperature – typical storage temp. in [°] Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)			
?	h. RVP – gasoline only	i. Total oxygen percent – gasoline only			
	j. Oxygenate name – gasoline only				
8.	New material stored (enter new material if contents	s changed during year of record): ?			
	a. Name of material				
	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				
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 2013				
	1	 			

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

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

	Coi	mplete one AP-4 for EACH organic material storage tar	nk.
Important: When filling out forms on	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 A22 (2,400 GAL), PCB	
		a. Facility's choice of emission unit name – edit as needed	
		23	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: ☐ floating roof ☐ internal roof ☐ type: ☐ fixed ☐ other:	
		10.5 7 2400	Specify other
			ity – gallons

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

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

A. Equipment Description (cont.)

7.	Material stored (at start of year):				
	OIL WITH POLYCHLORINATED BIPHENYLS				
	a. Name of material				
	1336363	50300899			
	b. CAS number if single chemical	c. SC Code for standing / breathing loss			
	WASTE DISP-INDUS /TREATMENT, STORAGE	0.03			
_	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)			
7	h. RVP – gasoline only	i. Total oxygen percent – gasoline only			
٥					
	j. Oxygenate name – gasoline only				
3.	New material stored (enter new material if contents	changed during year of record):			
	(shariged daming year or receive.			
	a. Name of material				
	a. Name of material				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss			
	b. OAO Humber ii single chemical	c. 00 oddc for startding / breathing loss			
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C			
		o			
	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons			
	. , , , , , , , , , , , , , , , , , , ,				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only			

B. Notes and Attachments

j. Oxygenate name - gasoline only

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

TANK WAS NOT USED IN YEAR 2013					

2. Attachments:

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Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2013
Year of record
14
DEP EU# (old Point #)
1190564
Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.			k.			
Important: When filling out forms on	A.	Equipmen	t Description	ļ-		
the computer, use only the	1.	Facility identifie	ers: ?			
tab key to		CLEAN HARBO	ORS OF BRAINTRE	EE INC		
move your cursor – do		a. Facility name				
not use the		34839			1190564	
return key.		b. DEP Account nu	ımber		c. Facility AQ identifier – SSEIS ID number	
tab						
	2.	Emission unit i	dentifiers:			
return		AG TANK A9-	10,000 GAL WAS	TE STREAM FB1		
		a. Facility's choice	of emission unit name -	edit as needed		
		14			14	
		b. Facility's emission	on unit number / code – e	edit as needed	c. DEP emissions unit # - SSEIS point #	
		d. Combined Units	- enter number of individ	dual units		
How to combine units?						
	3.	Emission unit in	nstallation and deco	mmission dates:		
_		3/1/2011				
2			 estimate if unknown (n 	mm/dd/vvvv)	b. Decommission date (mm/dd/yyyy) – if applicable	
How to delete		ar motalianon dato	Command in armandam (in		Complete only if the unit was shut down permanently	
a unit ?					or replaced since the last report.	
<u></u>						
(1)	4.	Emission unit replacement:				
		a. Is this unit re	eplacing another em	ission unit?		
		☑ no	yes – enter DEP's	emissions unit nur	mber for the unit being replaced below:	
			11 22 11			
		b. DEP'S EMISSION	unit Number and facility	y unit name		
	\ _E	Unit descriptions:				
	5 .	Offic description	15.			
		a. Description:	✓ above ground	below groun	d	
		b. Roof type:	floating roof	internal roof		
		••	✓ fixed	other:		
					Specify other	
		11.5	11.2	10000		

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

e. Capacity - gallons

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

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of record
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 ?					
	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 CHEMICAL STORAGE	c. SC Code for standing / breathing loss					
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C g. Annual throughput in gallons					
	f. Temperature – typical storage temp. in ^o Fahrenheit						
	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.						
	ents to this form. For attachments that cannot be						

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

paper copy of this form.

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2013
Year of record
13
DEP EU# (old Point #)
1190564

Facility AQ identifier

	Cor	mplete one AP-4	for EACH organic m	aterial storage tar	nk.		
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	F INC			
move your		a. Facility name	5110 01 B10 (III 11 11 12 1				
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 A8 -	10,000 GAL TANK				
			of emission unit name –	edit as needed			
		13			13		
		b. Facility's emission	on unit number / code – e	edit as needed	c. DEP emissions unit # - SSEIS point #		
		d. Octobra dillata		de el contro			
How to combine units ?		d. Combined Units	– enter number of indivi	dual units			
	3.	Emission unit ir	nstallation and deco	mmission dates:			
		3/1/2011					
?			 estimate if unknown (n 	nm/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.		
<u> </u>	4.	Emission unit re	eplacement:				
•		a. Is this unit re	placing another em	ission unit?			
		✓ no	yes – enter DEP's	emissions unit nu	mber for the unit being replaced below:		
			11.22				
		b. DEP's Emission	Unit Number and facility	y unit name			
<u> </u>	5.	Unit descriptions:					
•		a Description:	✓ above ground	☐ below grour	nd.		
		a. Description.	above ground	☐ below groun	iu		
		b. Roof type:	☐ floating roof ☑ fixed	☐ internal roof☐ other:			
					Specify other		
		18.5	11.2	10000			

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
13
DEP EU# (old Point #)
1190564
Facility AQ identifier

A. Equipment Description (cont.)

7.	Material stored (at start of year):						
	LEAN WATER FOR INCINERATION						
	a. Name of material						
		50300899					
	b. CAS number if single chemical	c. SC Code for standing / breathing loss					
	WASTE DISP-INDUS /TREATMENT, STORAGE	0.39					
_	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C					
(?)	52	221036.0000					
	f. Temperature – typical storage temp. in [°] Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)					
?	h. RVP – gasoline only	i. Total oxygen percent – gasoline only					
	j. Oxygenate name – gasoline only						
8.	New material stored (enter new material if contents	s changed during year of record):					
	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						
В.	Notes and Attachments						
1.	Notes : please include in the space below any addityour submission.	tional information that will help DEP understand					
	2. Attachments: Check here to submit attachments.	ents to this form. For attachments that cannot be					

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

paper copy of this form.

for SC Code help

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

2013
Year of record
12
DEP EU# (old Point #)
1190564

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank. Important: A. Equipment Description When filling out forms on the computer, 1. Facility identifiers: use only the tab key to CLEAN HARBORS OF BRAINTREE INC move your a. Facility name cursor - do 34839 1190564 not use the return key. c. Facility AQ identifier - SSEIS ID number b. DEP Account number Emission unit identifiers: AG TANK A7- 9,500 GAL WASTE STREAM AA19 (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 # d. Combined Units - enter number of individual units combine units? 3. Emission unit installation and decommission dates: 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 a unit? or replaced since the last report.

?)4.	Emission unit re	eplacement:						
	a. Is this unit re	placing another emi	ssion unit?					
	v no □	yes – enter DEP's e	emissions u	nit numbe	r for the unit be	eing replaced	below:	
	b. DEP's Emission	Unit Number and facility	unit name					_
? 5.	Unit description	ns:						
	a. Description:	✓ above ground	☐ below	ground				
	b. Roof type:	☐ floating roof ✓ fixed	interna	al roof	Specify other			
	17.25	12	95	500	Opcony outer			
	c. Height / Length -	- feet d. Diameter – fe	eet e.	Capacity -	gallons			

✓ steel weld □ other weld □ rivet □ fiberglass

Construction:

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

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

Facility AQ identifier

A. Equipment Description (cont.)

7. ľ	Material stored (at start of year): N-METHYL-2-PYRROLIDONE (NMP)						
1							
	a. Name of material						
8	872504	50300899					
	o. CAS number if single chemical	c. SC Code for standing / breathing loss					
\	WASTE DISP-INDUS /TREATMENT, STORAGE	0.342					
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C					
?)!	52	16519.0000					
	. Temperature – typical storage temp. in [°] Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)					
?	n. RVP – gasoline only	i. Total oxygen percent – gasoline only					
Ī	. Oxygenate name – gasoline only						
3. I	New material stored (enter new material if contents	changed during year of record):					
ā	a. Name of material						
- F	b. CAS number if single chemical	c. SC Code for standing / breathing loss					
	WASTE DISP-INDUS /TREATMENT, STORAGE	o. Go code for startaining broatming toos					
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C					
	52	e. vapor pressure in r or at 25 °C					
f	. Temperature – typical storage temp. in ºFahrenheit	g. Annual throughput in gallons					
ŀ	n. RVP – gasoline only	i. Total oxygen percent – gasoline only					
j	. Oxygenate name – gasoline only						
 В. I	Notes and Attachments						
	Notes : please include in the space below any addityour submission.	tional information that will help DEP understand					
	your outrinosion.						

2. Attachments:

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

for SC Code help

Bureau of Waste Prevention - Air Quality

Emission Unit - Organic Material Storage

2013 Year of record 11 DEP EU# (old Point #) 1190564 Facility AQ identifier

ige tank.

	Co	mplete one AP-4 for EACH organic material storage tan
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
return key.		b. DEP Account number
tab		
	2.	Emission unit identifiers:
return		AG TANK A6- 9,500 GAL WASTE STREAM A-31
		a. Facility's choice of emission unit name – edit as needed
		11
		b. Facility's emission unit number / code – edit as needed
		d. Combined Units – enter number of individual units

3. Emission unit installation and decommission dates:



How to combine units?

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

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

c. Facility AQ identifier - SSEIS ID number

c. DEP emissions unit # - SSEIS point #

1190564

11

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	nission Unit Number and facility unit name			

Unit description	ns:			
a. Description:	✓ above ground	☐ below ground		
b. Roof type:	☐ floating roof ☑ fixed	☐ internal roof ☐ other:		
	4.0	0=00	Specify other	
17.25	12	9500		
c. Height / Length -	- feet d. Diameter - fe	e. Capacity	– gallons	

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

Bureau of Waste Prevention - Air Quality

BWP AQ AP-4

Emission Unit - Organic Material Storage

Year of record
11
DEP EU# (old Point #)
1190564

Facility AQ identifier

A. Equipment Description (cont.)

7.	Material stored (at start of year):	
	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	0.030
<u> </u>	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
C	52	116012.0000
	f. Temperature – typical storage temp. in [°] Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
?	h. RVP – gasoline only	i. Total oxygen percent – gasoline only
	j. Oxygenate name – gasoline only	
8.	New material stored (enter new material if contents	s changed during year of record):
	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
	52	
	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 addi	tional information that will help DEP understand
	your submission.	
	2 Attachments: Check here to submit attachment	ents to this form. For attachments that cannot be

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

paper copy of this form.

for SC Code help

Bureau of Waste Prevention – Air Quality

Decommission date – if applicable:

BWP AQ AP-STACK

Physical Vertical Stacks

2013
Year of record
7
DEP Stack #
1190564
Facility AQ identifier

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

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



2.

3.

4.

5.

6.

7.





How to **delete** a stack?

Stack Descripti	on		
		How	to report combined units/stacks: see 3b below
Facility identifiers:			
CLEAN HARBORS OI	F BRAINTREE INC		
a. Facility name			
34839		1190564	
b. DEP Account number		c. AQ identifie	r – SSEIS ID number
Stack identifiers:)		
	OR (2)- CUMMINS AND CATE	ERPILLAR	
a. Facility's choice of stack n	ame – edit as needed	_	
7		7	
b. Facility's stack number – e	edit as needed	c. DEP stack #	# - old SSEIS stack #
Type: a. ☑ vertical □ vertical	ertical with rain cap/sleeve b. Com	nbined stacks –	- enter number of individual stacks:
	12		0.8
Dimensions:	Height in feet above the ground		Internal Diameter in feet
	32		32
Gas exit velocity:	Low end - feet per second (0.1 -	- 500)	High end - feet per second (0.1 – 500)
	1150	,	1150
Exit temperature:	Low end - ⁰ Fahrenheit (50 – 180	00)	High end - ⁰ Fahrenheit (50 – 1800)
Stack liner material:	✓ metal ☐ brick refractory		
		Describe Othe	or .
		POSCIDE OTHE	1

B. Emission Units Associated with Stack - eDEP Only

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

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

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

EU#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

2013

C. Notes and Attachments

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

2. Attachments:

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

Bureau of Waste Prevention - Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

2013
Year of record
5
DEP Stack #
1190564
Facility AQ identifier

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

Important:
When filling
out forms on
the computer
use only the
tab key to
move your
cursor - do no
use the return
key.
tab
1

Α.	Stack Description	on	
1	Equility identifiers:		How to report combined units/stacks: see 3b below
1.	Facility identifiers:		
	CLEAN HARBORS OF	BRAINTREE INC	
	a. Facility name		
	34839		90564
	b. DEP Account number	C.	AQ identifier – SSEIS ID number
2.	Stack identifiers: ?		
	2 DRUM CRUSHING LI	NES	
	a. Facility's choice of stack na	me – edit as needed	
	5	5	
			DEP stack # - old SSEIS stack #
3.	Type: a. ✓ vertical ver	tical with rain can/sleeve h. Combi	ed stacks – enter number of individual stacks:
J.	Type. a. vertical ver		
4.	Dimensions:	54	1.3
т.	Diffictions.	Height in feet above the ground	Internal Diameter in feet
5.	Gas exit velocity:	54	54
J.	das exit velocity.	Low end - feet per second (0.1 – 5	, , , , , , , , , , , , , , , , , , , ,
6.	Exit temperature: 60		60
0.	Lait temperature.	Low end - ⁰ Fahrenheit (50 – 1800)	High end - ⁰ Fahrenheit (50 – 1800)
7.	Stack liner material:	metal brick refractory	other:
		De	scribe Other
8.	Decommission date – if	applicable: (mm/dd/vvvv)	Complete only if the stack was permanently removed

How to delete a stack?

is unknown or

unavailable?

ELIHE 2 DOLIM COLICUING LINES

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#3-2 DRUM CRUSHING LINES			
-			

E

Bureau of Waste Prevention – Air Quality BWP AQ AP-STACK Emission Unit – Fuel Utilization Equipment			Year of record 5		
			DEP Stack # 1190564 Facility AQ identifier		
			-		
		-	-		

2013

C. Notes and Attachments

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

2. Attachments:

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

Bureau of Waste Prevention – Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

2013
Year of record
3
DEP Stack #
1190564
Facility AQ identifier

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

Important:
When filling
out forms on
the computer,
use only the
tab key to
move your
cursor - do no
use the return
key.









A.	Stack Description	1		
			How to	o 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 - BOILER #1-C	LEAVER BROOKS, NO 2	FUEL OIL	
	a. Facility's choice of stack name			
	3		3	
			c. DEP stack # - old SSEIS stack #	
3.	Type: a. vertical vertical vertical	al with rain cap/sleeve b. Com	bined stacks – e	enter number of individual stacks:
	Diametric	35		1
4.	Dimensions:	Height in feet above the ground		Internal Diameter in feet
_	0 " 1 "	47		47
5.	Gas exit velocity:	Low end - feet per second (0.1 -	500)	High end - feet per second (0.1 – 500)
_	E 211	450		450
6.	Exit temperature:	Low end - °Fahrenheit (50 – 180	0)	High end - ⁰ Fahrenheit (50 – 1800)
7.	Stack liner material:	metal	other:	
		-	Describe Other	
_	D			



8. Decommission date – if applicable:

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

B. Emission Units Associated with Stack - eDEP Only

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

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

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

Bureau of Waste Prevention - Air Quality

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

2013

C. Notes and Attachments

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

2. Attachments:

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

Bureau of Waste Prevention - Air Quality

'P AQ AP-STACK

Physical Vertical Stacks

7. Stack liner material:

Decommission date – if applicable:

2013
Year of record
2
DEP Stack #
1190564
Facility AQ identifier

High end - ⁰ Fahrenheit (50 – 1800)

	Complete one AP-STACK form for EACH physical stack at the facility					
Important: When filling	Α.	A. Stack Description				
out forms on the computer, use only the	1.	Facility identifiers:		Ho	ow to report combined units/stacks: see 3b below	
tab key to		CLEAN HARBORS OF	BRAINTREE INC			
move your cursor - do not		a. Facility name				
use the return		34839		1190564		
key.		b. DEP Account number		c. AQ identifier – SSEIS ID number		
tab	2.	Stack identifiers:				
1		STACK #2- HURST BOILER, NO. 2 FUEL OIL				
		a. Facility's choice of stack na	me – edit as needed			
return		2		2		
		b. Facility's stack number – edit as needed		c. DEP stack # - old SSEIS stack #		
	3.	Type: a. ✓ vertical ☐ ver	rtical with rain cap/sleeve b. C	ombined stacks	s – enter number of individual stacks:	
		D'	35		1	
(?)	4.	Dimensions: Height in feet above the gro		nd	Internal Diameter in feet	
What to if data is unknown or	_	0	50		50	
unavailable ?	5.	Gas exit velocity:	Low end - feet per second (0.	1 – 500)	High end - feet per second (0.1 – 500)	
	6.	Exit temperature:	212		212	
	o.	Exit tomporature.	Low and Department (FO 1	900\	High and Department (FO 1900)	

How to delete a stack?

B. Emission Units Associated with Stack – eDEP Only

Low end - ⁰Fahrenheit (50 – 1800)

metal brick refractory other:

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.

Describe Other

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

Important:	EU#2-HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S	
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.

2013

Bureau of Waste Prevention - Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

2013
Year of record
10
DEP Stack #
1190564
Facility AQ identifier

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

Important: A. Stack Description When filling out forms on How to report combined units/stacks: see 3b below the computer, 1. Facility identifiers: use only the tab key to **CLEAN HARBORS OF BRAINTREE INC** move your a. Facility name cursor - do not 34839 1190564 use the return c. AQ identifier - SSEIS ID number key b. DEP Account number 2. Stack identifiers: **CUT OFF ROOM** a. Facility's choice of stack name - edit as needed 10 10 b. Facility's stack number - edit as needed c. DEP stack # - old SSEIS stack # Type: a. vertical vertical with rain cap/sleeve b. Combined stacks - enter number of individual stacks: 18 **Dimensions:** Height in feet above the ground Internal Diameter in feet What t 15 is unknown or Gas exit velocity: Low end - feet per second (0.1 - 500)High end - feet per second (0.1 - 500)unavailable? Exit temperature: Low end - ⁰Fahrenheit (50 – 1800) High end - ⁰ Fahrenheit (50 – 1800) Stack liner material: metal brick refractory other: Describe Other Decommission date – if applicable: (mm/dd/yyyy) Complete only if the stack was permanently removed How to delete a stack? B. Emission Units Associated with Stack – eDEP Only Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted. Important: To assign an emission unit to this stack, enter the Stack Id No. on the form for the emission unit (i.e., AP1, AP2, or AP3).

Bureau of Waste Prevention - Air Quality

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

C. Notes and Attachments

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

THIS 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.

2013

Year of record

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

BWP AQ AP-STACK

Physical Vertical Stacks

2013
Year of record
1
DEP Stack #
1190564
Facility AQ identifier

	Complete one AP-STACK form for EACH physical stack at the facility					
Important: When filling out forms on	A.	Stack Description	on	Ho	ow to report combined units/stacks: see 3b below	
the computer, use only the	1.	Facility identifiers:				
tab key to		CLEAN HARBORS OF	BRAINTREE INC			
move your cursor - do not		a. Facility name				
use the return		34839		1190564		
key.		b. DEP Account number		c. AQ identif	ier – SSEIS ID number	
tab	2.	Stack identifiers: ?				
		STACK #1- INCINERATOR #1-VENT-O-MATIC				
return		a. Facility's choice of stack na	ıme – edit as needed	4		
		h Facility's stock number of	dit oo noodod	1 - DED etect	. # ald CCEIC atask #	
		b. Facility's stack number – ed	ait as needed	C. DEP Stack	x # - old SSEIS stack #	
	3.	Type: a. 🗸 vertical 🗌 ver	rtical with rain cap/sleeve	b. Combined stacks	- enter number of individual stacks:	
_			185		1.2	
2	4.	Dimensions:	Height in feet above the	ground	Internal Diameter in feet	
What to wif data	_		21		21	
is unknown or unavailable?	5.	Gas exit velocity:	Low end - feet per seco	nd (0.1 – 500)	High end - feet per second (0.1 – 500)	
	6.	Exit temperature:	240		240	
	0.	Exit temperature.	Low end - ⁰ Fahrenheit (50 – 1800)	High end - ⁰ Fahrenheit (50 – 1800)	
	7. Stack liner material: ✓ metal ☐ brick refractory ☐ other:					
				Describe Oth	ner	
	0	Decembracion data if	annliaghla.			
How to delete a stack?	8.	Decommission date – if	applicable. (mr	m/dd/yyyy) Complete	only if the stack was permanently removed	
	В.	Emission Units	Associated wit	h Stack – e	DEP Only	
	Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted.					
Important:						
To assign an emission unit to this stack,						
enter the		-				
Stack ld No. on the form						
for the emission unit						
(i.e., AP1, AP2, or AP3).						

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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.

INCINERATOR #1-VENT-O-MATIC WAS NOT OPERATED IN 2013

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.

2013