

Massachusetts Department of Environmental Protection

eDEP Transaction Copy

Here is the file you requested for your records.

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

Username: MICHAELC68

Transaction ID: 1281797

Document: AQ Source Registration Package (SR)

Size of File: 4929.44K

Status of Transaction: Submitted

Date and Time Created: 3/29/2023:2:58:01 PM

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



Source Registration (SR) or SR and Greenhouse Gas (GHG) Overview

2020
YEAR OF RECORD
1190564
FACILTY AO Identifier

The "?" icons will reveal information about a particular portion of the form or question such as definitions, instructions, R

sources of assistance or information. Additional information about filling out these forms is available at the Source Registration and Greenhouse Gas Reporting Website: https://www.mass.gov/guides/massdep-source-registration
A. Create a Source Registration Package (SR) or SR and Greenhouse Gas(SR/GHG) Package.
▼ 1. Select existing or new facility: ☐ Check if you added emission units or stacks since your last report.
New Facility: Check if you have never before submitted an AQ Source Registration Package (SR) or (SR/GHG).
Date received (DEP use only - mm/dd/yyyy)
B. Amend an AQ Source Registration Package (SR) or SR and Greenhouse Gas(SR/GHG) Package.
☐ 1. Check if you need to correct or add to a previously submitted SR or SR/GHG Package ,check the boxes in the list below to select the forms/units you wish to work on.
2.Facility Name: CLEAN HARBORS OF BRAINTREE INC
Our records indicate that this facility has 23 Emission Units (points) and 7 Physical stacks
▼ Facility Information Form (general facility and contact)
AP-TES Total Emissions Statement (facility-wide emissions; includes hazardous Air Pollutant (HAP) reporting).



Source Registration (SR) or SR and Greenhouse Gas (GHG) Overview 2020

YEAR OF RECORD

1190564

FACILTY AQ Identifier

E	Emission unit name	DEP#	EU Category	Last Update
V	COLUMBIA, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S	2	FUEL BURNING DEVICE	2019
I	CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)	3	FUEL BURNING DEVICE	2019
I	CUMMINS GENERATOR #2 (NT855G2, DIESEL)	50	FUEL BURNING DEVICE	2019
I	CATERPILLAR GENERATOR #1	55	FUEL BURNING DEVICE	2019
v 2	2 LENNOX FURNACES SR 20Q5-140/154	64	FUEL BURNING DEVICE	2019
I	NDUSTRIAL OIL FURNACE LG14-225	67	FUEL BURNING DEVICE	2019
I	2 DRUM CRUSHING LINES	5	PROCESS	2019
	AG TANK A3-9,800 GAL	8	TANK	2019
	AG TANK A6- 9,500 GAL WASTE STREAM A-31	11	TANK	2019
V A	AG TANK A8 - 10,000 GAL TANK	13	TANK	2019
7	AG TANK A9- 10,000 GAL	14	TANK	2019
7	AG TANK A17B - 750 GAL	18	TANK	2019
7	AG TANK A22 (2,400 GAL)	23	TANK	2019
7	AG TANK A23 (2,400 GAL)	24	TANK	2019
7	AG TANK A24 (2,400 GAL)	25	TANK	2019
7	AG TANK A25 (1,000 GAL)	26	TANK	2019
7	AG TANK A13 (4,000 GAL), DIESEL LOW SULF	51	TANK	2019
7	AG TANK A12 (6,300 GAL), NO. 2 FUEL OIL	52	TANK	2019
	AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS	53	TANK	2019
V	AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS	54	TANK	2019
7	AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS	57	TANK	2019
V .	AG TANK B7- POLYOLEFIN TANKS WASTEWATER NO VOCS	60	TANK	2019
	AG TANK A7 - 9,500 GAL.	68	TANK	2019
7 S	STACK #1- INCINERATOR #1-VENT-O-MATIC	1	STACK	2019
V 5	STACK #2- COLUMBIA BOILER, NO. 2 FUEL OIL	2	STACK	2019



Source Registration (SR) or SR and Greenhouse Gas (GHG) Overview 2020

YEAR OF RECORD

1190564

FACILTY AQ Identifier

~	1 STACK - BOILER #1-CLEAVER BROOKS, NO 2 FUEL OIL	3	STACK	2019
V	2 DRUM CRUSHING LINES	5	STACK	2019
굣	1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR	7	STACK	2019
V	1 STACK-2 FURNACES - LENNOX	9	STACK	2019
V	CUT OFF ROOM	10	STACK	2019



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality Facility Information

2020

Year of Record

1190564

Facility AQ identifier

A. Facility Information:

1. Facility - the site or works where the re	gulated activity o	ccurs:		
CLEAN HARBORS OF BRAINTRE	E INC			
a. Facility Name				
1 HILL AVE				
b. Facility Street Address Line 1				
c. Facility Street Address Line 2				
BRAINTREE	MA		02184	
d. City/Town	e. State	f. ZIP Code		
7813807100		7813807193		
g. Facility Phone Number		h. Facility Fax N	umber	
2. Mailing address: (check all that apply)		☐ same address	as facility address	
1 HILL AVE				
a. Facility Mailing Address / PO Box Li	ne 1			
b. Facility Mailing Address / PO Box Li	ine 2			
BRAINTREE	MA		02184	
c. City/Town	d. State		e. ZIP Code	
3. Facility type - check one:				
C Utility	al © Federal	○ State	© Local Government	
4. ORIS Facility Code - for large electrica	l utilities only:			
		ORIS Facility Co	ode	
5. ID Numbers:		-		
34839		1190564		
a. DEP Account Number / FMF Facility	#	b. Facility AQ Idea	ntifier - SSEIS ID Number	
6. Location :				
42.235971		70.972946		
a. Latitude 42.9 - 41.2		o. Longitude - Wes	tt 73.5 - 69.8 Enter positive values	
7. North American Industry Classification	System (NAICS) 6 digits:		
562211				
a. (Primary) b.	c.		d.	



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality Facility Information

つんつん	
ZUZU	

Year of Record

1190564

Facility AQ identifier

3. Facility description (What is being produce	d and how it is	s being prod	duced at this	s facility -	update as n	eeded):
CLEAN HARBORS OF BRAINTREE INC.	IS A HAZAF	RDOUS WA	ASTE TSDI	F.		
NO PRODUCTION AT THIS FACILITY.						
P. Facility's normal hours of operation:						
12:00 AM 12:00 A	M	-	c. Con	tinuous - 2	24 X 7 X 5	2
a. Start Time b. End T	ime	_				
d. Which days is the facility open?	$\square S \qquad \square M$	ΠТ	Γ W	\Box T	\Box F	\Box S
0. Number of Employees: 16						
	a aa faailitu m	niling addra	gg (yyill go n	v oddrogg	into fiolda l	alow)
11. Facility Owner: same addres	s as facility file	aning addre	ss (will cop	y address	into neias t	below)
Please contact your MassDEP Regional Office	e if the owner	ship of this	facility has	changed.		
CLEAN HARBORS OF BRAINTREE IN	$\overline{\mathbb{C}}$					
a. Owner or Corporation Name						
1 HILL AVE						
b. Mailing Address Line 1 (for owner or corp	ooration)					
ATTN: GENERAL MANAGER						
c. Mailing Address Line 2						
BRAINTREE	MA			02184		
d. City/Town	e. St	ate		f. Zip C	ode	
US	▼ 042:	507498				
g. Country	h. O	wner TIN				
7813807100	7134	4		781380	7193	
i. Owner Phone Number	j. Ex	tension		k. Own	er Fax Nun	nber
fontaine.andrew@cleanharbors.com						
l. Owner E-mail Address						

The state of the s

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality Facility Information

2020

Year of Record

1190564

Facility AQ identifier

-	same address as facility address same address as facility mailing a	address
DAVID	MEDINA	
a. Facility Contact First Name	Contact Last	t Name
1 HILL AVE		
b. Mailing Address Line 1		
c. Mailing Address Line 2		
BRAINTREE	MA	02184
d. City/Town	e. State	f. Zip Code
US	medinad@cleanharbors.com	
g. Country	h. E-mail Address	
7803807100		7813807193
i. Phone Number	j. Extension	k. Fax Number
JAMES R.	☐ same address as facility add	dress
a. Air emissions contact First Name	Air emissions co	ntact Last Name
26137 SOUTH RIDGELAND AVENU	JE	
b. Mailing Address Line 1		
c. Mailing Address Line 2		
MONEE	IL	60449
d. City/Town	e. State	f. Zip Code
US	laubsted.j@cleanharbors.com	
g. Country	h. E-mail Address	
6308542549	7134	7813807193
i. Phone Number	i. Extension	k. Fax Number



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality Facility Information

2020

Year of Record

1190564

Facility AQ identifier

B. Preparer

1. Contact information for the preparer of this submi	 ttal: ☐ same name and address as air emissions contact name and address ☐ same name and address as facility contact name an address ☐ same address as facility address 			
MICHAEL	COMEAU			
a. Preparer First Name	Preparer Last Na	me		
CLEAN HARBORS ENVIRONMENTAL SERV	ICES			
b. Mailing Address Line 1				
42 LONGWATER DRIVE				
c. Mailing Address Line 2				
NORWELL	MA	02061		
d. City/Town	e. State	f. Zip Code		
US	comeau.michaeld	@cleanharbors.com		
g. Country	h. E-mail Address			
7817925174		7817921030		
i. Phone Number	j. Extension	k. Fax Number		



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality Facility Information

				7
\mathbf{a}	Λ	1	Λ	
Z	u	١Z	u	

Year of Record

1190564

Facility AQ identifier

C. Notes

	nal information that will help DEP understand your submission
(5000 character max).	
D. Certification	
'I certify that I have personally examined the foregoing	Responsible official - complete all fields below.
and am familiar with the information contained in this report and all attachments and that, based on my	MICHAEL
inquiry of those individuals immediately responsible for	MICHAEL a. First Name
obtaining the information; I believe that the information	u. That italie
is true, accurate, and complete. I am aware that there are signification penalties for submitting false	COMEAU
information, including possible fines and	b. Last Name
imprisonment."	COMPLIANCE MANAGER
A responsible official for the facility must provide the	c. Title
electronic signature. The signature and date are inserted below by eDEP during the signature Step.	7 01 7 02 5 1 7 1
institute selow by eleter during the signature step.	7817925174
Signed under the pains and penalties of perjury:	d. Phone Number
	comeau.michaeld@cleanharbors.com
Signature of Responsible Official	e. E-mail Address
Date	



Total Emissions Statement & Hazardous Air Pollutant List

2020

YEAR OF RECORD

1190564

Facility AQ Identifier

A. Annual Total Emissions Statement

1. Facility Identifiers:		
CLEAN HARBORS OF BRAINTRE	EINC	
a. Facility Name		
34839	1190564	
b. DEP Account Number	c. Facility AQ Identifier	

2. Total Emissions:

This form calculates your facility's actual and potential emissions by adding the emissions you entered in forms for each unit. The results are displayed in the table below . You must error check each emission unit's forms before the results below can be complete.

Pollutant:	PM 10-FIL	PM 2.5-FIL	PM-CON	SO2
Actual for	.0415	.027		.3982
previous year:	Tons	Tons	Tons	Tons
Actual for year	0.0179	0.0113	0	0.1806
of record:	Tons	Tons	Tons	Tons
Potential	9.4880	9.3526	0	11.9580
emissions	Tons	Tons	Tons	Tons
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term	_	-	_	-
Period				
Basis DEP				
Approval				
number or				
regulation:				



Total Emissions Statement & Hazardous Air Pollutant List

2020

YEAR OF RECORD

1190564

Facility AQ Identifier

Pollutant:	PB	VOC	NH3	CO
Actual for		.0296	0	.1642
previous year:	Tons	Tons	Tons	Tons
Actual for year	0	0.0122	0	0.0715
of record:	Tons	Tons	Tons	Tons
Potential	0	22.8354	0	29.3023
emissions	Tons	Tons	Tons	Tons
Max allowed emissions-		36.2		
annual:	Tons	Tons	Tons	Tons
Max allowed emissions-short		23600		
term:	Pounds	Pounds	Pounds	Pounds
Short term Period	•	Month	•	
Basis DEP Approval number or regulation:		MBR-95-RES-047		

Pollutant:	NO2	HOC
Actual for	.7777	
previous year:	Tons	Tons
Actual for year	0.3390	0
of record:	Tons	Tons
Potential	136.2320	0
emissions	Tons	Tons
Max allowed	17.3	
emissions- annual:	Tons	Tons
Max allowed	9400	
emissions-short term:	Pounds	Pounds
Short term Period	Month _	
Basis DEP		
Approval number or	MBR-95-RES-047	
regulation:		



Total Emissions Statement & Hazardous Air Pollutant List

2020

YEAR OF RECORD

1190564

Facility AQ Identifier

a.	EXEMPT	135411	GALLONS	year •
	DEP approval # (most recent)	Amount of Restriction	Restriction Units	Per Unit Time
	NO. 2 FU	EL OIL 0.3 PERCENT S	ULFUR	
	Description	n of fuel, raw material or p	product restricted	
b.	MBR-89-	C 300	HOUR	year
	DEP appro # (most recent)	val Amount of Restriction	Restriction Units	Per Unit Time
	NO. 2 FU	EL OIL 0.3 PERCENT S	ULFUR	
	Description	n of fuel, raw material or p	product restricted	
0	- mp oc	1 1 1 1 1 1 1 1 1 1		
c.	MBR-86-	376680	GALLONS	year v
	DEP approval # (most recent)	Amount of Restriction	Restriction Units	Per Unit Time



Total Emissions Statement & Hazardous Air Pollutant List

2020

YEAR OF RECORD

1190564

Facility AQ Identifier

B. Hazardous Air Poliutant Emissions
a.Does the facility have the potential to emit (PTE) 10 tons of any single listed Hazardous Air Pollutant (HAP)? • Yes • No
b.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
c.Does the facility have a restriction on total HAPS? • Yes • No
d.Are you required to report HAP emissions here for any other reason? (e.g., a permit condition) O Yes No



12.8

5000

f. Potential Emissions

Massachusetts Department of Environmental Protection Bureau of Air and Waste BWP AQ AP - TES

Total Emissions Statement & Hazardous Air Pollutant List

2020

YEAR OF RECORD

1190564

Facility AQ Identifier

C. Hazardous Air Pollutants (HAPs)

1. Hazardous Air Pollutant List

HA

HAP	
METURA ALCOHOL	(75(1
METHYL ALCOHOL	67561
a. HAP Name	b. CAS # for individual HAPs
☐ c. Check if this is your single largest HAP emission.	
.137	0.032
d. Actual for previous year	e. Actual for year of record
12.8	18.6
f. Potential Emissions	g. Max allowed emissions – annual(Tons)
5000	▼
h. Max allowed emissions – short term(Pounds)	i. Short term period
MBR-95-RES-047	
j. Basis DEP Approval number or regulation	
HAP	
TOLUENE	108883
a. HAP Name	b. CAS # for individual HAPs
c. Check if this is your single largest HAP emission.	
0	0.126
d. Actual for previous year	e. Actual for year of record

MBR-95-RES-047

j. Basis DEP Approval number or regulation

h. Max allowed emissions – short term(Pounds)

i. Short term period

annual(Tons)

g. Max allowed emissions -

18.6



Massachusetts Department of Environmental Protection Bureau of Air and Waste BWP AQ AP - TES Total Emissions Statement & Hazardous Air Pollutant List

2020 YEAR

YEAR OF RECORD

1190564

Facility AQ Identifier

HAP

ETHYLENE GLYCOL	107211
a. HAP Name	b. CAS # for individual HAPs
\Box c. Check if this is your single largest HAP emission.	
.052	0.009
d. Actual for previous year	e. Actual for year of record
12.8	18.6
f. Potential Emissions	g. Max allowed emissions – annual(Tons)
5000	▼
h. Max allowed emissions – short term(Pounds)	i. Short term period
MBR-95-RES-047	
j. Basis DEP Approval number or regulation	



2. Attachments:

this form.

Massachusetts Department of Environmental Protection Bureau of Air and Waste BWP AQ AP - TES

Total Emissions Statement & Hazardous Air Pollutant List

YEAR OF RECORD

Facility AQ Identifier

2. Total HAP Emissions			
a. Actual for previous year: Tons			
b. Actual for year of record: Tons	0.4143		
e. Potential at max capacity uncontrolled: Tons	38.4		
d. Max allowed emissions – annual: Tons	55.8	Facility-wide restriction only	
e. Max allowed emissions – short term : Pounds	10600	Facility-wide restriction only	
f. Short term period:	Month 💌		
g. Basis for max allowed emissions:	MBR-95-RES-047	DEP approval # or regulation	
	e below any additional	information that will help DEP understa	and your submissio
	e below any additional	information that will help DEP understa	und your submissio
	e below any additional	information that will help DEP understa	and your submissio
	e below any additional	information that will help DEP understa	and your submission
	e below any additional	information that will help DEP understa	and your submissio
	e below any additional	information that will help DEP understa	and your submissio
Notes and Attachments Notes: Please include in the space	e below any additional	information that will help DEP understa	and your submissio
	e below any additional	information that will help DEP understa	and your submissio
	e below any additional	information that will help DEP understa	and your submissio

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



Fuel Burning Device Emission Unit

2020 Year of Record
2 DEP EU#
1190564 Facility AQ Identifier

A. Equipment Description

1. Facility Identifiers:	
CLEAN HARBORS OF BRAINTREE INC	
a. Facility Name	
34839	1190564
b. DEP Account Number	c. Facility AQ Identifier
2. Emission Unit Identifiers:	
COLUMBIA, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S	
a. Facility's choice of emission unit name - edit as needed	
2	2
b. Facility's emission unit number / code - edit as needed	c. DEP emission unit #
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units
3. Emission unit installation and decommission dates:	
11/17/2018	
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 and narr	ne for the unit being replaced from the drop-down list below:
	V
b. DEP's Emission Unit Number and facility's emission unit r	name

The state of the s

Massachusetts Department of Environmental Protection Bureau of Air and Waste

Fuel Burning Device Emission Unit

2020 Year of Record	
2 DEP EU#	
1190564 Facility AQ Identifier	

5. Equipment

a. Equipment Type EPA Unit type code		BOILER	•
EPA Unit Type (describe):		BOILER	
If engine, is this an emergency generator?		C Yes C No	
If an emergency generator, please give the operation:	number of l	hours of operation during the reporting year for each	category o
Emergency Use(hours)			
Non Emergency Use(hours)		,	
Maintenance and Readiness Testing(hours)		,	
COLUMBIA		4VT-50BHP	
b. Manufacturer		c. Model number	
2.0910		1	
d. Max Input Rating MMBtu/hr (must be greater t	han 0)	e. Number of burners (enter "0" if not applicable)	
f. Types of burner - check one:	🖰 rotary		
	@ mech.	atomizer	
	C steam	atomizer	
	C air atomizer		
	C traveli	ng grate	
	C hand f	ired	
	C Other		
	Specify "	other" burner type	
COLUMBIA		163970	
g. Burner Manufacturer		h. Burner Model number	
11/17/2018			
i.Burner Installation Date (mm/dd/yyyy)			
DEP approvals - leave blank if not applicable:			
. Most recent approval number		b. DEP approval date (mm/dd/yyyy)	
s this unit exempt under 310 CMR 7.02 Plan Appro Yes © No	ovals?		
f exempt from Plan Approval, indicate the reason for	or the exemp	otion, from the drop-down list below. (e.g., cite a specific I	DEP regulati
below thresholds in 310 CMR 7.02 (2)(b) 7 and 15			V



Fuel Burning Device Emission Unit

2020 Year of Record	
2 DEP EU#	
1190564 Facility AO Idea	ntifier

9. Additional State Reporting Requirements: a. Are there other routine air quality reporting requirements for this emissions unit? © Yes - Specify reporting frequency below No - Skip to question 9c b. Reporting frequency - check all that apply: ✓ Annual RES \square Monthly Quarterly ☐ Semi-annual (include Operating Permit and Plan Approval reports, but not exceedance reporting) c. Is this unit subject to (check all that apply): ▼ NESHAP □ NSPS \square MACT 10. Hours of operation for the emission unit: a. check if continuously operated - 24 X 7 X 52 24 17 b. Number of hours per day c. Number of days per week d. Number of weeks per year e. Percent of total annual operation that occurs in each calendar quarter(0 or 0.1 - 100): Sum of Q1+Q2+Q3+Q4 must = 100%17.0 0.0 0.0 83.0 or 0 if the unit was not operated for any quarter Q2 Q3 Q4 11. Ozone season schedule - May 1 through September 30: c. Weeks operated in ozone season a. Ozone season hours per day b. Ozone season days per week 12. Emission Release Point - select one: Engines click here for instructions: Non-Stack Release Points: Physical Stacks: C fugitive (i) vertical stack C horizontal vent vertical with rain cap/sleeve C engine exhaust C downward facing vent C vertical stack/vent less than 10ft

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

2 STACK #2- COLUMBIA BOILER, NO. 2 FUEL OIL

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

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



Fuel Burning Device Emission Unit

2020
Year of Record

2
DEP EU#

1190564
Facility AQ Identifier

14. Is there an air pollution control device/s on this emissions unit?

C Yes - answer a through i

No - skip to question 15



Fuel Burning Device Emission Unit

2020 Year of Record	
2 DEP EU#	
1190564	

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

C Yes - answer a through	1	No - skip to	section B			
	Monitor 1		Monitor 2		Monitor 3	
a Manitan tama	CEMs		C CEMs		CEMs	
a. Monitor type:	C opacity		Opacity		C opacity	
	Oother		Oother		Oother	
	Describe		Describe		Describe	
b. Manufacturer:						
c. Model Number:						
d. Monitor ID #:						
	Facility's Desi	gnation	Facility's Des	signation	Facility's Desi	ignation
e. Installation Date:						
	(mm/dd/yyyy))	(mm/dd/yyyy	y)	(mm/dd/yyyy))
f. DEP Approval #:				·		
g. DEP Approval Date:						
	(mm/dd/yyyy)		(mm/dd/yyyy	<i>y</i>)	(mm/dd/yyyy))
h. Decommission Date:						
	(mm/dd/yyyy)		(mm/dd/yyyy	y)	(mm/dd/yyyy))
i. Recorder?	Oyes	Ono	Cyes	Ono	Oyes	Ono
j. Audible Alarm?	Oyes	Ono	Oyes	Ono	Oyes	Ono
k. Data System?	Oyes	Ono	Oyes	Ono	Oyes	Ono
1. Monitored Pollutants -	□ PM 10		□ PM 10		□ PM 10	
check all that apply:	□ PM 2.5		□ PM 2.5		☐ PM 2.5	
	\square SO2		□ SO2		□ SO2	
	СО		\Box co		□ co	
	\square VOC		\square VOC		\square VOC	
	□ NO2		□ NO2		□ NO2	
	□ NH3		□ NH3		□ NH3	
	☐ Mercury		☐ Mercury		☐ Mercury	
	□ Oxygen		\square Oxygen		☐ Oxygen	
	CO2		CO2		□ CO2	
	□ H2S		□ H2S		☐ H2S	
	\Box HCL		\Box HCL		☐ HCL	
	☐ Opacity		☐ Opacity		☐ Opacity	
	Other		Other		Other	
				_		_▼
	Describe		Describe		Describe	

The same of the sa

Massachusetts Department of Environmental Protection

Bureau of Air and Waste

Fuel Burning Device Emission Unit

2020 Year of Re	cord
2 DEP EU#	
1190564) Identifier

B. Fuels and Emissions

1. Fuel Name / Characteristics:	BOILER #2-COLUMBIA #30 - #2 OIL-0.3 SULFUR
Number of fuels for this unit (previous records):	BOILER #2-COLONDIN #30 - #2 OIL-0.5 SOLI OR
1	
	Fuel Name
	1
	DEP Fuel #
Add a NEW fuel: Check the box if you need to add a fuel that yo did not report on previously (eDEP will add a blank Sect. B form to your package). Number of Additional Fuels:	u 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.
a. Source Classification Code (SCC):	10200501
, ,	SCC (call DEP if SCC will not validate)
	EXTERNAL COMBUSTION BOILERS - INDUSTRIAL -
	DISTILLATE OIL - GRADES 1 AND 2 - BOILER
	SCC Description - filled by eDEP upon error check.
b. Type of fuel	FUEL NO.2
	Fuel Description - filled by eDEP upon error check.
c. Sulfur content for oils and coal (0-2.2%):	.138
	Percent by weight
d. Ash content for oils and coal(0- 10.0%):	0
	Percent by weight
e. Maximum hourly fuel rate for all firing burners:(enter "0" if unit	0.0155 1000 GALLONS ▼
decommissioned prior to this year of record):	Amount Units per hour
f. Do you have fuel or usage restrictions?	• yes • C no - skip to question 2
g. DEP approval number for fuel restrictions:	EXEMPT
	Most recent for this fuel
h. Annual usage restriction (for this fuel):(amount or hours)	111050
ii. Timuut usuge resurettori (for tims ruer).(umount or nours)	111252 GALLONS
	Quantity Units
i. Short term use restriction (for this fuel):(amount or hours)	9271 GALLONS ▼
	Quantity Units
	Per G C C
	month week day hour



Fuel Burning Device Emission Unit

2020 Year of Record	
2 DEP EU#	
1190564 Facility AQ Identifier	

2. Total actual fuel used for year of record: (check your amount vs units and enter "0" if not used in the year of record)

4.4800		1000 GALLONS	•
a. Amount	t - year of record	b.Units	
25.8	1000 GALLC	ONS	

c. Total annual usage for prior year of record

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:	PM 10-FIL	PM 2.5-FIL	PM-CON	□SO2
Actual for previous	0.0129	0.0032		0.2528
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0022	0.0006		0.0439
record:	Tons	Tons	Tons	Tons
Potential emissions	0.0679	0.0170		1.3304
1 Otential Chrissions	Tons	Tons	Tons	Tons
Emission Factor	1	0.25		142
in pounds per unit	1000 GALLONS ▼	1000 GALLONS	▼	1000 GALLONS
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto
Max allowed emissions-annual:	Tons	Tons	Tons	Tons
Max allowed emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period	<u> </u>		-	
Basis DEP Approval number or regulation:				



Fuel Burning Device Emission Unit

2020 Year of Record	
2 DEP EU#	
1190564 Facility AQ Identifier	

	_	_	_	_
Pollutant:	ГРВ	□voc	□ NH3	□co
Actual for previous		0.0026		0.0645
year:	Tons	Tons	Tons	Tons
Actual for year of		0.0004		0.0112
record:	Tons	Tons	Tons	Tons
Potential emissions		0.0136		0.3395
otential emissions	Tons	Tons	Tons	Tons
Emission Factor		0.20		5
in pounds per unit	<u> </u>	1000 GALLONS ▼	▼	1000 GALLONS ▼
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto 🔻
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed emissions-short				
	Pounds	Pounds	Pounds	Pounds
Short term Period				•
Basis DEP Approval number or regulation:				

Pollutant:	□NO2	specify other pollutant
Actual for	0.3096	
previous year:	Tons	Tons
Actual for year of	0.0538	
record:	Tons	Tons
Potential emissions	1.6294	
Totelitiai ciiiissioiis	Tons	Tons
Emission Factor	24	
in pounds per unit	1000 GALLONS	<u> </u>
Calculation Method	USEPA Emission Facto	USEPA Emission Facto 💌
Max allowed		
emissions-annual:	Tons	Tons
Max allowed		
emissions-short term:	Pounds	Pounds
Short term Period	•	_
Basis DEP		
Approval		
number or regulation:		



Fuel Burning Device Emission Unit

2020 Year of Record
2 DEP EU#
1190564 Facility AQ Identifier

4. Ozone season emissions - May 1 through September 30

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

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

otes: please i	nclude any addition	al information that	will help DEP unde	erstand your submiss	sion.	

2. Attachments:

Check here to submit attachments to this form (e.g., calculations) -add a note in the field above indicating what is attached. This will create a new step on your Transaction Overview Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments above and deliver them to DEP with a paper copy of this form.



Fuel Burning Device Emission Unit

2020 Year of Record
3 DEP EU#
1190564 Facility AQ Identifier

A. Equipment Description

CLEAN HARBORS OF BRAINTREE INC	
a. Facility Name	
34839	1190564
b. DEP Account Number	c. Facility AQ Identifier
. Emission Unit Identifiers:	
CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)	
a. Facility's choice of emission unit name - edit as needed	
3	3
b. Facility's emission unit number / code - edit as needed	c. DEP emission unit #
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units
. Emission unit installation and decommission dates:	
09/01/1986	
a.Installation Date - estimate if unknown (mm/dd/yyyy)	b. Decommission Date (mm/dd/yyyy) - if applicable
	Complete only if the unit was shut down permanently or replaced since the last report.
. Emission Unit Replacement	
a. Is this unit, replacing another emission unit?	
€ No C Yes - Enter DEP's emissions unit number and na	me for the unit being replaced from the drop-down list below:
	▼
b. DEP's Emission Unit Number and facility's emission unit	nomo



Fuel Burning Device Emission Unit

2020 Year of Rec	ord
3 DEP EU#	
1190564	Idantifiar

_	-			
١.	$H \cap$	1111	nn	ient
J.	LU	uı	PH.	CIT

EPA Unit type code		BOILER	▼		
EPA Unit Type (describe):		BOILER			
If engine, is this an emergency generator	?	C Yes	C No		
If an emergency generator, please giv operation:	e the number of	f hours of ope	eration during the reporting y	ear for each category	
Emergency Use(hours)					
Non Emergency Use(hours)					
Maintenance and Readiness Testing(ho	urs)				
CLEAVER BROOKS		CB800-15	0		
b. Manufacturer		c. Model	number		
2.80		1			
d. Max Input Rating MMBtu/hr (must be gr	reater than 0)	e. Numbe	e. Number of burners (enter "0" if not applicable)		
f. Types of burner - check one:		v			
		• mech. atomizer			
	C steam	n atomizer			
	🗖 air at	omizer			
	C trave	eling grate			
	hand	fired			
	Othe	r			
	Specify	"other" burne			
CL BROOKS		CB800-15			
g. Burner Manufacturer		h. Burner	Model number		
09/01/1986					
i.Burner Installation Date (mm/dd/yyyy)					
DEP approvals - leave blank if not applicable	:				
MBR-86-COM-027		9/11/1986			
. Most recent approval number		b. DEP ap	pproval date (mm/dd/yyyy)		
Is this unit exempt under 310 CMR 7.02 Plan Yes No	Approvals?				



Fuel Burning Device Emission Unit

2020 Year of Record	
3 DEP EU#	
1190564 Facility AO Identifier	

9. Additional State Rep	porting Requirements:

	ther routine air quality	1 0 1	ments for this emissions u	nit? to question 9c		
Monthly	frequency - check all the Quarter	·ly 🗆 :		Annual F RES		
(include Oper	rating Permit and Plan	Approval reports,	but not exceedance repor	ting)		
c. Is this unit NESHAP	subject to (check all the NSPS	nat apply):				
10. Hours of op	peration for the emission	on unit:	a. check if	continuously operated - 24 X 7 X 52		
24		5		15		
b. Number of	hours per day	c. Number	of days per week	d. Number of weeks per year		
e. Percent of	total annual operation	that occurs in each	calendar quarter(0 or 0.1	- 100):		
100.0	0.0	0.0	0.0	Sum of Q1+Q2+Q3+Q4 must = 100%		
Q1	Q2	Q3	Q4	or 0 if the unit was not operated for any	quarter quarter	
11. Ozone seas	on schedule - May 1 th	rough September	30:			
0		0		0		
	ison hours per day	,	season days per week	c. Weeks operated in ozone season		
12. Emission R	elease Point - select on	e:		Engines click here for instructions:		
Non-Stack	Release Points:		Physica	l Stacks:		
C fugitive			• verti	• vertical stack		
C horizontal vent		C verti	C vertical with rain cap/sleeve			
C engine	exhaust					
C downwa	ard facing vent					
© vertical	stack/vent less than 10	0ft				
13. Link this un	it to a physical stack (if applicable) - picl	from the list below:			
3 1 STACK - Bo	OILER#1-CLEAVER B	BROOKS, NO 2 FUI	EL OIL		~	

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

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



Fuel Burning Device Emission Unit

2020
Year of Record

3
DEP EU#

1190564
Facility AQ Identifier

14. Is there an air pollution control device/s on this emissions unit?

C Yes - answer a through i

No - skip to question 15



Fuel Burning Device Emission Unit

2020 Year of Record	
3 DEP EU#	
1190564	

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

C Yes - answer a through l						
	Monitor 1		Monitor 2		Monitor 3	
a. Monitor type:	C CEMs		C CEMs		CEMs	
a. Monitor type.	Opacity	C opacity			O opacity	
	Oother		Oother		Other	
	Describe		Describe		Describe	
b. Manufacturer:						
c. Model Number:						
d. Monitor ID #:						
	Facility's Design	gnation	Facility's Desi	gnation	Facility's Desi	gnation
e. Installation Date:						
	(mm/dd/yyyy)		(mm/dd/yyyy))	(mm/dd/yyyy)	
f. DEP Approval #:						
g. DEP Approval Date:						
	(mm/dd/yyyy)		(mm/dd/yyyy)		(mm/dd/yyyy)	
h. Decommission Date:						
	(mm/dd/yyyy)		(mm/dd/yyyy)		(mm/dd/yyyy)	
i. Recorder?	Oyes	ℂno	Oyes	Ono	Oyes	C no
j. Audible Alarm?	Oyes	Ono	Oyes	Ono	Oyes	Ono
k. Data System?	Oyes	Ono	Oyes	Cno	Oyes	Ono
1. Monitored Pollutants -	□ PM 10		□ PM 10		□ PM 10	
check all that apply:	☐ PM 2.5		☐ PM 2.5		☐ PM 2.5	
	□ SO2		□ SO2		□ SO2	
	\Box co		\Box co		\Box co	
	\Box VOC		\Box VOC		\square VOC	
	□ NO2		□ NO2		□ NO2	
	□ NH3		□ NH3		□ NH3	
	Mercury		Mercury		☐ Mercury	
	☐ Oxygen		Oxygen		☐ Oxygen	
	CO2		CO2		CO2	
	☐ H2S		□ H2S		☐ H2S	
	HCL		\Box HCL		☐ HCL	
	☐ Opacity		☐ Opacity		☐ Opacity	
	Other		Other		Other	
		_▼		_		
	Describe		Describe		Describe	

Massachusetts Department of Environmental Protection

Bureau of Air and Waste

Fuel Burning Device Emission Unit

2020 Year of Rec	cord
3 DEP EU#	
1190564 Facility AC	

B. Fuels and Emissions		
1. Fuel Name / Characteristics: Number of fuels for this unit (previous records):	BOILER #1-CLEAVER BRO	OOKS #2 OIL-0.3 PERCENT SULFU
	Eugl Nama	
	Fuel Name	
	DEP Fuel #	
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). Number of Additional Fuels:	unit permanently. You must s	x if you stopped using this fuel in this still report for this year of record even if the removed from the unit in the next
a. Source Classification Code (SCC):	10200501	
	SCC (call DEP if SCC will n	
	EXTERNAL COMBUSTION DISTILLATE OIL - GRADE	N BOILERS - INDUSTRIAL - SS 1 AND 2 - BOILER
	SCC Description - filled by	eDEP upon error check.
b. Type of fuel	FUEL NO.2	
	Fuel Description - filled by	eDEP upon error check.
c. Sulfur content for oils and coal (0-2.2%):	.138	
	Percent by weight	
d. Ash content for oils and coal(0-10.0%):	0	
	Percent by weight	
e. Maximum hourly fuel rate for all firing burners:(enter "0" if unit	0.02	1000 GALLONS ▼
decommissioned prior to this year of record):	Amount	Units per hour
f. Do you have fuel or usage restrictions?	€ yes C no - skip to q	uestion 2
g. DEP approval number for fuel restrictions:	MBR-95-RES-047	
	Most recent for this fuel	
h. Annual usage restriction (for this fuel):(amount or hours)	376680	GALLONS 🔻
	Quantity	Units
i. Short term use restriction (for this fuel):(amount or hours)	31390	GALLONS ▼
	Quantity	Units
]	Per c c c c
		month week day hour



Fuel Burning Device Emission Unit

2020 Year of Record
3 DEP EU#
1190564 Facility AQ Identifier

2. Total actual fuel used for year of record: (check your amount vs units and enter "0" if not used in the year of record)

12.7300		1000 GALLONS	~
a. Amoun	t - year of record	b.Units	
12.4	1000 GALLC	ONS	
c. Total a	nnual usage for pr	ior year of record	

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:	PM 10-FIL	PM 2.5-FIL	PM-CON	□SO2
Actual for previous	0.0062	0.0016		0.1215
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0064	0.0016		0.1247
record:	Tons	Tons	Tons	Tons
Potential emissions	0.0876	0.0219		1.7166
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor	1	0.25		142
in pounds per unit	1000 GALLONS 🔻	1000 GALLONS	<u> </u>	1000 GALLONS
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period		-	-	•
Basis DEP Approval				
number or regulation:	J.			J.



Fuel Burning Device Emission Unit

2020 Year of Record	
3 DEP EU#	
1190564 Facility AQ Identifie	r

	_	_	_	_
Pollutant:	ГРВ	□voc	□NH3	□co
Actual for previous		0.0012		0.0310
year:	Tons	Tons	Tons	Tons
Actual for year of		0.0013		0.0318
record:	Tons	Tons	Tons	Tons
Potential emissions		0.0175		0.4380
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor		0.20		5
in pounds per unit		1000 GALLONS ▼	<u> </u>	1000 GALLONS ▼
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto 🔻
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed emissions-short				
	Pounds	Pounds	Pounds	Pounds
Short term Period	_			
Basis DEP Approval number or regulation:				

Pollutant:	□NO2	specify other pollutant
Actual for	0.1488	
previous year:	Tons	Tons
Actual for year of	0.1528	
record:	Tons	Tons
Potential emissions	2.1024	
1 otential emissions	Tons	Tons
Emission Factor	24	
in pounds per unit	1000 GALLONS	<u> </u>
Calculation Method	USEPA Emission Facto	USEPA Emission Facto
Max allowed		
emissions-annual:	Tons	Tons
Max allowed		
emissions-short term:	Pounds	Pounds
Short term Period	•	_
Basis DEP		
Approval number or		
regulation:		



Fuel Burning Device Emission Unit

2020 Year of Record	
3 DEP EU#	
1190564 Facility AQ Identifier	

4. Ozone season emissions - May 1 through September 30

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

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

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

Check here to submit attachments to this form (e.g., calculations) -add a note in the field above indicating what is attached. This will create a new step on your Transaction Overview Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments above and deliver them to DEP with a paper copy of this form.



Fuel Burning Device Emission Unit

2020 Year of Record	
50 DEP EU#	
1190564 Facility AQ Identifier	

A. Equipment Description

1. Facility Identifiers:	
CLEAN HARBORS OF BRAINTREE INC	
a. Facility Name	
34839	1190564
b. DEP Account Number	c. Facility AQ Identifier
2. Emission Unit Identifiers:	
CUMMINS GENERATOR #2 (NT855G2, DIESEL)	
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 emission unit #
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units
3. Emission unit installation and decommission dates:	
08/01/1999	
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?	
	ne for the unit being replaced from the drop-down list below:
	_
b. DEP's Emission Unit Number and facility's emission unit r	name

Fuel Burning Device Emission Unit

below thresholds in 310 CMR 7.02 (2)(b) 7 and 15

2020 Year of Record	
50 DEP EU#	
1190564 Facility AQ Identifier	

Equipment					
a. Equipment Type EPA Unit type code		RECIPROCATING IC ENGINE			
EPA Unit Type (describe):	EPA Unit Type (describe):		ENGINE		
If engine, is this an emergency generator?		C Yes	€ No		
If an emergency generator, please givoperation:	ve the number of	f hours of ope	eration during the reporting ye	ar for each catego	
Emergency Use(hours)					
Non Emergency Use(hours)					
Maintenance and Readiness Testing(ho	ours)		,		
			,		
CUMMINS			125-DGEA		
b. Manufacturer		c. Model 1	number		
1.6880					
d. Max Input Rating MMBtu/hr (must be greater than 0)		e. Number of burners (enter "0" if not applicable)			
f. Types of burner - check one:	🧖 rotar	v			
		• mech, atomizer			
	C steam	C steam atomizer			
	C air at	C air atomizer			
	C trave	C traveling grate			
	C hand	C hand fired			
	C Othe	○ Other			
	Specify	"other" burne	er type		
Dum on Manufacture			Madal mumban		
g. Burner Manufacturer	Burner Manufacturer		h. Burner Model number		
i.Burner Installation Date (mm/dd/yyyy)					
DEP approvals - leave blank if not applicable	2:				
a. Most recent approval number		b. DEP ap	oproval date (mm/dd/yyyy)		
Is this unit exempt under 310 CMR 7.02 Plan	n Approvals?				
is this diffe exempt under 510 civile 7.02 I fai					



Fuel Burning Device

2020 Year of Record	
50 DEP EU#	
1190564 Facility AO Identifier	

Emission Unit

9. Additional S	State Reporting Requiren	nents:				
	other routine air quality recify reporting frequency	1 0 1		ons unit? Skip to question	9c	
Monthly	g frequency - check all that Quarterly erating Permit and Plan A		Semi-annual	Annual reporting)	▼ RES	
c. Is this uni	t subject to (check all tha	at apply):				
10. Hours of o	peration for the emission	unit:	a. che	ck if continuously	y operated - 24 X 7 X 52	
1		1		12		
b. Number o	of hours per day	c. Number o	of days per week	d. Nur	mber of weeks per year	
e. Percent of	f total annual operation th	at occurs in each	calendar quarter(0 o			
20.0	20.0	20.0	40.0		Sum of Q1+Q2+Q3+Q4 must = 100%	
Q1	Q2	Q3	Q4	or 0 1	f the unit was not operated for any qua	arter
11. Ozone sea	son schedule - May 1 thre	ough September 3	0:			
3		1		4		
a. Ozone se	eason hours per day	b. Ozone se	eason days per weel	week c. Weeks operated in ozone sea		
12. Emission I	Release Point - select one			Engine	s click here for instructions:	
Non-Stack	Release Points:		Ph	ysical Stacks:		
C fugitiv	e		Œ	• vertical stack		
C horizon	ntal vent		C	C vertical with rain cap/sleeve		
C engine	exhaust					
Odownw	vard facing vent					
O vertica	l stack/vent less than 10f	ì				
13. Link this u	unit to a physical stack (if	applicable) - pick	from the list below:			
7 1 STACK G	ENERATOR (2)- CUMMI	NS AND CATERI	PILLAR			-

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

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



Fuel Burning Device Emission Unit

2020
Year of Record

50
DEP EU#

1190564
Facility AQ Identifier

14. Is there an air pollution control device/s on this emissions unit?

C Yes - answer a through i

No - skip to question 15



Fuel Burning Device Emission Unit

2020 Year of Record	
50 DEP EU#	
1190564 Facility AQ Identifier	

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

C Yes - answer a through	1	🖸 No - skip t	o section B			
	Monitor 1		Monitor 2		Monitor 3	
. Manitantana	CEMs		CEMs		CEMs	
a. Monitor type:	C opacity		Opacity		Opacity	
	Oother		Oother		Oother	
	Describe		Describe		Describe	
b. Manufacturer:						
c. Model Number:						
d. Monitor ID #:						
	Facility's Desi	gnation	Facility's Des	signation	Facility's Des	ignation
e. Installation Date:						
	(mm/dd/yyyy))	(mm/dd/yyyy	y)	(mm/dd/yyyy)
f. DEP Approval #:						
g. DEP Approval Date:						
	(mm/dd/yyyy)		(mm/dd/yyyy)		(mm/dd/yyyy)	
h. Decommission Date:						
	(mm/dd/yyyy)		(mm/dd/yyyy	y)	(mm/dd/yyyy)
i. Recorder?	Öyes	Ono	Oyes	Ono	Oyes	Ono
j. Audible Alarm?	Oyes	Ono	Oyes	Ono	Oyes	Ono
k. Data System?	Oyes	Ono	Öyes	Ono	Oyes	Ono
1. Monitored Pollutants -	□ PM 10		□ PM 10		□ PM 10	
check all that apply:	□ PM 2.5		☐ PM 2.5		☐ PM 2.5	
	\square SO2		\square SO2		□ SO2	
	\Box co		□ co		\Box co	
	\Box VOC		\Box VOC		\square VOC	
	□ NO2		Γ NO2		\square NO2	
	□ NH3		□ NH3		□ NH3	
	☐ Mercury		☐ Mercury		☐ Mercury	
	□ Oxygen		☐ Oxygen		☐ Oxygen	
	CO2		□ CO2		CO2	
	□ H2S		□ H2S		☐ H2S	
	\Box HCL		\sqcap HCL		\Box HCL	
	☐ Opacity		☐ Opacity		☐ Opacity	
	Other		Other		Other	
		•		~		▼
	Describe		Describe		Describe	

Fuel Burning Device Emission Unit

2020 Year of R	ecord
50 DEP EU#	
119056 Facility A	4 .Q Identifier

B. Fuels and Emissions

Di I dels dila Ellissions				
1. Fuel Name / Characteristics: Number of fuels for this unit (previous records):	GENERATOR #2-CUMMI	NS #NT855G2- #2 OIL 0.3 PER.S		
1				
	Fuel Name			
	1			
	DEP Fuel #			
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).	unit permanently. You must	ox if you stopped using this fuel in this still report for this year of record even if be removed from the unit in the next		
Number of Additional Fuels :	report cycle.			
a. Source Classification Code (SCC):	20200102			
	SCC (call DEP if SCC will	not validate)		
		N ENGINES - INDUSTRIAL -		
	SCC Description - filled by eDEP upon error check.			
b. Type of fuel	DIESEL			
	Fuel Description - filled by	eDEP upon error check.		
e. Sulfur content for oils and coal (0-2.2%):	.138			
	Percent by weight			
d. Ash content for oils and coal(0- 10.0%):	0			
	Percent by weight			
e. Maximum hourly fuel rate for all firing burners:(enter "0"if unit		1000 GALLONG		
decommissioned prior to this year of record):	0.0120	1000 GALLONS		
f. Do you have fuel or usage restrictions?	Amount • yes • no - skip to	Units per hour question 2		
g. DEP approval number for fuel restrictions:				
g. DET approval number for fuel restrictions.	EXEMPT 7.02			
	Most recent for this fuel			
h. Annual usage restriction (for this fuel):(amount or hours)	300	EACH-YEAR ▼		
	Quantity	Units		
. Short term use restriction (for this fuel):(amount or hours)	24	DAY ▼		
	Quantity	Units		
		Per C C C		
		month week day hour		



Fuel Burning Device Emission Unit

2020 Year of Record	
50 DEP EU#	
1190564 Facility AQ Identifier	

Total actual fuel used	for year o	of record:				
(check your amount vs	units and	enter "0"	if not	used in	the year	of
record)						

0.1200		1000 GALLONS	•
a. Amoun	t - year of record	b.Units	
.132	1000 GALLC	ONS	
c. Total ar	nnual usage for pr	ior year of record	

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:	PM 10-FIL	PM 2.5-FIL	PM-CON	□SO2
Actual for previous	0.0028	0.0028		0.0026
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0026	0.0026		0.0024
record:	Tons	Tons	Tons	Tons
Potential emissions	2.2338	2.2338		2.0866
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor	42.50	42.50		39.70
in pounds per unit	1000 GALLONS ▼	1000 GALLONS ▼	▼	1000 GALLONS
Calculation Method	USEPA Emission Facto 🔻	USEPA Emission Facto	USEPA Emission Facto 🔻	USEPA Emission Facto
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed emissions-short				
term:	Pounds	Pounds	Pounds	Pounds
Short term Period	-		-	-
Basis DEP Approval				
number or regulation:		J	1	



2020 Year of Record	
50 DEP EU#	
1190564 Facility AQ Identifier	

Pollutant:	ГРВ	□voc	□ NH3	Гсо
Actual for previous		0.0033		0.0086
year:	Tons	Tons	Tons	Tons
Actual for year of		0.0030		0.0078
record:	Tons	Tons	Tons	Tons
Potential emissions		2.5912		6.8328
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor		49.30		130
in pounds per unit	<u> </u>	1000 GALLONS	-	1000 GALLONS 🔻
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto 🔻
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period	•	<u> </u>	<u> </u>	•
Basis DEP				
Approval number or				
regulation:				

Pollutant:	□ NO2	specify other pollutant
Actual for	0.0399	
previous year:	Tons	Tons
Actual for year of	0.0362	
record:	Tons	Tons
Potential emissions	31.7462	
1 otential emissions	Tons	Tons
Emission Factor	604	
in pounds per unit	1000 GALLONS	▼
Calculation Method	USEPA Emission Facto	USEPA Emission Facto
Max allowed		
emissions-annual:	Tons	Tons
Max allowed		
emissions-short term:	Pounds	Pounds
Short term Period	_	_
Basis DEP Approval number or regulation:		



Fuel Burning Device Emission Unit

2020 Year of Record	
50 DEP EU#	
1190564	

Facility AQ Identifier

4. Ozone season emissions - May 1 through September 30

0.4980	6.0092
a. Typical day VOC emissions - pounds per day check to enter your own values	b. Typical day NOx emissions - pounds per day check to enter your own values

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

\boldsymbol{C}	Note	PC 91	nd	A tt	ach	mer	ıtc
\	1100		114	\neg	a		

additional information		

2. Attachments:

Check here to submit attachments to this form (e.g., calculations) -add a note in the field above indicating what is attached. This will create a new step on your Transaction Overview Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments above and deliver them to DEP with a paper copy of this form.



Fuel Burning Device Emission Unit

2020 Year of Record	
55 DEP EU#	
1190564 Facility AQ Identifier	

A. Equipment Description

CLEAN HARBORS OF BRAINTREE INC	
a. Facility Name	
34839	1190564
o. DEP Account Number	c. Facility AQ Identifier
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 emission unit #
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units
Emission unit installation and decommission dates:	
05/04/1989	
a.Installation Date - estimate if unknown (mm/dd/yyyy)	b. Decommission Date (mm/dd/yyyy) - if applicable
	Complete only if the unit was shut down permanently or replaced since the last report.
Emission Unit Replacement	
a. Is this unit, replacing another emission unit?	
€ No C Yes - Enter DEP's emissions unit number and na	me for the unit being replaced from the drop-down list below:
	▼
b. DEP's Emission Unit Number and facility's emission unit	nama



Fuel Burning Device Emission Unit

2020 Year of Record	
55 DEP EU#	
1190564 Facility AQ Identifier	

5. Equipment

EPA Unit type code		RECIPROCATING IC ENGINE	_
EDA Unit Type (describe):		<u>'</u>	
Deperation: Emergency Use(hours) Non Emergency Use(hours) Maintenance and Readiness Testing(hours) TERPILLAR Manufacturer 480 Max Input Rating MMBtu/hr (must be greater than Types of burner - check one:		ENGINE	
If engine, is this an emergency generator	?	C Yes C No	
If an emergency generator, please give operation:	e the number of	f hours of operation during the reporting year for ear	ch category
Emergency Use(hours)			
Non Emergency Use(hours)			
Maintenance and Readiness Testing(hou	ırs)		
٠.	,		
CATERPILLAR		3412DIT	
b. Manufacturer		c. Model number	
5.3480		1	
d. Max Input Rating MMBtu/hr (must be gre	eater than 0)	e. Number of burners (enter "0" if not applicable)	
f. Types of burner - check one:	C rotar		
3,7		y ı. atomizer	
		n atomizer	
	🗖 air at		
	C trave	ling grate	
	hand	fired	
	C Othe	r	
	Specify	"other" burner type	
CATERPILLR		N/A	
g. Burner Manufacturer		h. Burner Model number	
06/01/1989			
i.Burner Installation Date (mm/dd/yyyy)			
DEP approvals - leave blank if not applicable:			
MBR-89-COM-31		5/4/1989	
. Most recent approval number		b. DEP approval date (mm/dd/yyyy)	
Is this unit exempt under 310 CMR 7.02 Plan Yes No	Approvals?		



Fuel Burning Device Emission Unit

2020 Year of Record	
55 DEP EU#	
1190564 Facility AQ Identifier	

O	A dditional	Stata	Donorting	Requirement	ŀa
9.	Additional	State	Reporting	Requirement	ιS

	e other routine air quality pecify reporting frequency			issions unit? o - Skip to quest	ion 9c	
b. Reportin	g frequency - check all th		Semi-annual	Annual	▼ RES	
(include Op	perating Permit and Plan	Approval reports,	but not exceedan	ce reporting)		
c. Is this un	it subject to (check all the	at apply):				
10. Hours of	operation for the emission	n unit:	□ a. c	check if continuo	usly operated - 24 X 7 X 52	
1		1		11		
,	of hours per day	c. Number	of days per week	d.	Number of weeks per year	
e. Percent o	of total annual operation t	hat occurs in each	calendar quarter(0 or 0.1 - 100):		
25.0	13.0	25.0	37.0	Sı	am of Q1+Q2+Q3+Q4 must = 100%	
Q1	Q2	Q3	Q4	01	0 if the unit was not operated for any qu	arter
11. Ozone sea	ason schedule - May 1 th	rough September 3	30:			
		1				
3	season hours per day	h Ozona s	eason days per w	6 yaak	Weeks operated in ozone season	
	Release Point - select one		cason days per w		ines click here for instructions:	
-	k Release Points:	·		Physical Stacks:		
C fugitiv				• vertical stacks.		
_	ontal vent				rain cap/sleeve	
	e exhaust			vertical with	Tani cap/siceve	
	ward facing vent					
	al stack/vent less than 10	ft				
			0 1 1 1 1]		
13. Link this	unit to a physical stack (i	t applicable) - pick	trom the list bel	ow:		
71STACK (GENERATOR (2)- CLIMM	INS AND CATER	PILLAR			▼

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

If the stack for this part listed gave and exit this form row and consider a new Stack form before returning to this form

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



Fuel Burning Device Emission Unit

Year of Record

55
DEP EU#

1190564
Facility AQ Identifier

14. Is there an air pollution control device/s on this emissions unit?

C Yes - answer a through i

No - skip to question 15



Fuel Burning Device Emission Unit

2020 Year of Record
55 DEP EU#
1190564 Facility AQ Identifier

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

C Yes - answer a through	ı l	🖲 No - sk	kip to	section B				
	Monitor 1			Monitor 2			Monitor 3	
a. Monitor type:	CEMs			CEMs			C CEMs	
a. Monitor type.	Opacity			Opacity			C opacity	
	Oother			Other			C other	
	Describe			Describe			Describe	
b. Manufacturer:								
c. Model Number:								
d. Monitor ID #:								
	Facility's De	signation		Facility's De	signation		Facility's Des	signation
e. Installation Date:								
	(mm/dd/yyy	y)		(mm/dd/yyy	y)		(mm/dd/yyyy	y)
f. DEP Approval #:								
g. DEP Approval Date:								
	(mm/dd/yyy	y)		(mm/dd/yyy	y)		(mm/dd/yyyy	y)
h. Decommission Date:								
	(mm/dd/yyy	y)		(mm/dd/yyy	y)		(mm/dd/yyyy	y)
i. Recorder?	Oyes	Ono		Oyes	Ono		Oyes	Ono
j. Audible Alarm?	Oyes	Ono		Oyes	Ono		Oyes	Ono
k. Data System?	Oyes	Ono		Oyes	Ono		Oyes	Ono
l. Monitored Pollutants -	□ PM 10			□ PM 10			□ PM 10	
check all that apply:	□ PM 2.5			□ PM 2.5			☐ PM 2.5	
	\square SO2			\square SO2			\square SO2	
	\Box co			ССО			\Box co	
	\square VOC			\square VOC			\Box VOC	
	\square NO2			\square NO2			□ NO2	
	□ NH3			\square NH3			□ NH3	
	☐ Mercury			Mercury			☐ Mercury	
	☐ Oxygen			☐ Oxygen			☐ Oxygen	
	\Box CO2			CO2			□ CO2	
	□ H2S			□ H2S			☐ H2S	
	☐ HCL			☐ HCL			☐ HCL	
	Opacity			Opacity			Opacity	
	Other			Other			Other	
			•			•		▼
	Describe			Describe			Describe	

2020 Year of	Record
55 DEP EU:	#
11905	64 AQ Identifier

B. Fuels and Emissions		
1. Fuel Name / Characteristics: Number of fuels for this unit (previous records):	GENERATOR #1-CATERF	PILLAR 558.5 KW #2 OIL-0.3 S
	 Fuel Name	
	1	
	DEP Fuel #	
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). Number of Additional Fuels:	unit permanently. You must	ox if you stopped using this fuel in this still report for this year of record even if be removed from the unit in the next
a. Source Classification Code (SCC):	20200102	
	SCC (call DEP if SCC will	,
	INTERNAL COMBUSTION DISTILLATE OIL (DIESEL	N ENGINES - INDUSTRIAL -) - RECIPROCATING
	SCC Description - filled by	eDEP upon error check.
b. Type of fuel	DIESEL	
	Fuel Description - filled by	eDEP upon error check.
c. Sulfur content for oils and coal (0-2.2%):	.0401 Percent by weight	
d. Ash content for oils and coal(0- 10.0%):	0	
	Percent by weight	
e. Maximum hourly fuel rate for all firing burners:(enter "0"if unit	0.0380	1000 GALLONS ▼
decommissioned prior to this year of record):	Amount	Units per hour
f. Do you have fuel or usage restrictions?	• yes • O no - skip to o	•
g. DEP approval number for fuel restrictions:	MBR-89-COM-31	
	Most recent for this fuel	
h. Annual usage restriction (for this fuel):(amount or hours)	300	EACH-YEAR 🔻
	Quantity	Units
i. Short term use restriction (for this fuel):(amount or hours)	24	DAY
	Quantity	Units
		Per C C C C month week day hour



Fuel Burning Device Emission Unit

2020 Year of Record
55 DEP EU#
1190564 Facility AQ Identifier

2. Total actual fuel used for year of record: (check your amount vs units and enter "0" if not used in the year of record)

0.3040		1000 GALLONS	-
a. Amoun	t - year of record	b.Units	
.912	1000 GALLC	ONS	
c. Total a	nnual usage for pr	ior year of record	

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:	PM 10-FIL	PM 2.5-FIL	PM-CON	□SO2
Actual for previous	0.0194	0.0194		0.0181
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0065	0.0065		0.0060
record:	Tons	Tons	Tons	Tons
Potential emissions	7.0737	7.0737		6.6077
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor	42.50	42.50		39.70
in pounds per unit	1000 GALLONS ▼	1000 GALLONS	▼	1000 GALLONS
Calculation Method	USEPA Emission Facto 🔻	USEPA Emission Facto	USEPA Emission Facto 🔻	USEPA Emission Facto
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed emissions-short				
term:	Pounds	Pounds	Pounds	Pounds
Short term Period	-		V	
Basis DEP Approval				
number or regulation:		I		



2020 Year of Re	cord
55 DEP EU#	
1190564 Facility A0	Q Identifier

Pollutant:	ГРВ	□voc	□ NH3	Гсо
Actual for previous		0.0225		0.0593
year:	Tons	Tons	Tons	Tons
Actual for year of		0.0075		0.0198
record:	Tons	Tons	Tons	Tons
Potential emissions		8.2055		21.6372
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor		49.30		130
in pounds per unit		1000 GALLONS ▼	-	1000 GALLONS 🔻
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto 🔻
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period	_	_	_	-
Basis DEP				
Approval				
number or				,

Pollutant:	□ NO2	specify other pollutant
Actual for	0.2754	
previous year:	Tons	Tons
Actual for year of	0.0918	
record:	Tons	Tons
Potential emissions	100.5298	
- Otoniciai cimissions	Tons	Tons
Emission Factor	604	
in pounds per unit	1000 GALLONS	<u> </u>
Calculation Method	USEPA Emission Facto	USEPA Emission Facto 💌
Max allowed		
emissions-annual:	Tons	Tons
Max allowed		
emissions-short term:	Pounds	Pounds
Short term Period	•	_
Basis DEP Approval		
number or regulation:		



Fuel Burning Device Emission Unit

2020 Year of Reco	ord
55	
DEP EU#	
1190564	

Facility AQ Identifier

4. Ozone season emissions - May 1 through September 30

0.8395	10.2755
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.

\boldsymbol{C}	Notes	and	Atta	chm	onte
	1101.65	ailu			

tes: please incl	ude any additional i	nformation that wil	l help DEP understa	and your submission	l .	

Check here to submit attachments to this form (e.g., calculations) -add a note in the field above indicating what is attached. This will create a new step on your Transaction Overview Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments above and deliver them to DEP with a paper copy of this form.



Fuel Burning Device Emission Unit

2020 Year of Record
64 DEP EU#
1190564 Facility AQ Identifier

A. Equipment Description

1. Facility Identifiers:	
CLEAN HARBORS OF BRAINTREE INC	
a. Facility Name	
34839	1190564
b. DEP Account Number	c. Facility AQ Identifier
2. Emission Unit Identifiers:	
2 LENNOX FURNACES SR 20Q5-140/154	
a. Facility's choice of emission unit name - edit as needed	
64	64
b. Facility's emission unit number / code - edit as needed	c. DEP emission unit #
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units
3. Emission unit installation and decommission dates:	
06/01/1994	
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 and name	ne for the unit being replaced from the drop-down list below:
	▼
b. DEP's Emission Unit Number and facility's emission unit r	name

2020 Year of Record	
64 DEP EU#	
1190564 Facility AQ Identifier	

_	-			
١.	$H \cap$	uip	m	≏n1
J.	டபு	աւլ	,,,,,,,	

a. Equipment Type							
EPA Unit type code		FURNACE ▼					
EPA Unit Type (describe):		FURNACE					
If engine, is this an emergency general	or?	C Yes C No					
If an emergency generator, please g operation:	ive the number of	f hours of operation during the reporting year for each of	category				
Emergency Use(hours)							
Non Emergency Use(hours)							
Maintenance and Readiness Testing(h	ours)						
LENNOX		SR20Q5-140	_				
b. Manufacturer		c. Model number					
0.3070		1					
d. Max Input Rating MMBtu/hr (must be	greater than 0)	e. Number of burners (enter "0" if not applicable)					
f. Types of burner - check one:	🧖 rotar	nv					
		h. atomizer					
		m atomizer					
	🧖 air at	tomizer					
	C trave	C traveling grate					
	C hand	I fired					
	C Othe	er					
	Specify	"other" burner type					
BECKETT		AFG					
g. Burner Manufacturer		h. Burner Model number					
06/01/1995							
i.Burner Installation Date (mm/dd/yyyy)							
DEP approvals - leave blank if not applicab	le:						
a. Most recent approval number		b. DEP approval date (mm/dd/yyyy)					
Is this unit exempt under 310 CMR 7.02 Pla Yes © No	an Approvals?						
If exempt from Plan Approval, indicate the	reason for the exer	mption, from the drop-down list below. (e.g., cite a specific DI	EP regula				
rr		1 (-8, 2,	- 0				
below thresholds in 310 CMR 7.02 (2)(b) 7	and 15		~				



Fuel Burning Device Emission Unit

2020 Year of Record	
64 DEP EU#	
1190564 Facility AQ Identifier	

9. Additional State	Reporting Requireme	nts:					
a. Are there other	r routine air quality re	porting requiremen	nts for this em	issions unit?			
Yes - Specify	reporting frequency b	elow	ON	o - Skip to que	stion 9c		
Monthly	quency - check all that Quarterly	□ Sem	ni-annual	Annual	I	▼ RES	
•	ng Permit and Plan Ap		not exceedan	ce reporting)			
c. Is this unit sub	oject to (check all that a NSPS	apply): □MACT					
10. Hours of opera	tion for the emission u	nit:	□ a. c	check if continu	ously operate	ed - 24 X 7 X 52	
0		0)		
b. Number of ho	urs per day	c. Number of d	ays per week	d	l. Number of	weeks per year	
e. Percent of tota	l annual operation that	occurs in each cal	endar quarter(0 or 0.1 - 100):	:		
0.0	0.0	0.0	0.0			2+Q3+Q4 must = 100%	
Q1	Q2	Q3	Q4		or 0 if the uni	it was not operated for a	ny quarter
11. Ozone season s	schedule - May 1 throu	igh September 30:					
0		0			0		
a. Ozone season	n hours per day	b. Ozone seas	on days per w	reek	c. Weeks ope	erated in ozone season	
12. Emission Relea	ase Point - select one:			Er	ngines click h	ere for instructions:	
Non-Stack Rel	ease Points:			Physical Stack	s:		-
© fugitive				• vertical sta	ck		
C horizontal	vent			C vertical with	th rain cap/sle	eeve	
C engine exh	aust						
C downward	facing vent						
C vertical sta	ck/vent less than 10ft						

9 1 STACK-2 FURNACES - LENNOX

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

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

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



Massachusetts Department of Environmental Protection

Bureau of Air and Waste

Fuel Burning Device Emission Unit

2020
Year of Record

64
DEP EU#

1190564
Facility AQ Identifier

14. Is there an air pollution control device/s on this emissions unit?

C Yes - answer a through i

No - skip to question 15



Fuel Burning Device Emission Unit

2020 Year of Record
64 DEP EU#
1190564 Facility AQ Identifier

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

C Yes - answer a through	ı l	🖲 No - sk	kip to	section B				
	Monitor 1		Monitor 2			Monitor 3		
a. Monitor type:	C CEMs		○ CEMs			C CEMs		
a. Monitor type.	C opacity			C opacity		C opacity		
	Oother			C other		C other		
	Describe			Describe			Describe	
b. Manufacturer:								
c. Model Number:								
d. Monitor ID #:								
	Facility's De	signation		Facility's De	signation		Facility's Des	signation
e. Installation Date:								
	(mm/dd/yyy	y)		(mm/dd/yyy	y)		(mm/dd/yyyy	y)
f. DEP Approval #:								
g. DEP Approval Date:								
	(mm/dd/yyyy)			(mm/dd/yyyy)		(mm/dd/yyyy)		
h. Decommission Date:								
	(mm/dd/yyyy)			(mm/dd/yyyy)		(mm/dd/yyyy)		
i. Recorder?	Oyes	Ono		Oyes	Ono		Oyes	Ono
j. Audible Alarm?	Oyes	Ono		Oyes	Ono		Oyes	Ono
k. Data System?	Oyes	Ono		Oyes	Ono		Oyes	Ono
1. Monitored Pollutants -	□ PM 10			□ PM 10			□ PM 10	
check all that apply:	□ PM 2.5			□ PM 2.5			☐ PM 2.5	
	\square SO2			\square SO2			\square SO2	
	\Box co			ССО			\Box co	
	\square VOC			\square VOC			\Box VOC	
	\square NO2			\square NO2			□ NO2	
	□ NH3			\square NH3			□ NH3	
	☐ Mercury			Mercury			☐ Mercury	
	☐ Oxygen			☐ Oxygen			☐ Oxygen	
	\Box CO2			CO2			□ CO2	
	□ H2S			□ H2S			☐ H2S	
	☐ HCL			☐ HCL			☐ HCL	
	Opacity			Opacity			Opacity	
	Other			Other			Other	
			•			•		▼
	Describe			Describe			Describe	

2020 Year of Record	
64 DEP EU#	
1190564 Facility AQ Identifier	

B. Fuels and Emissions				
1. Fuel Name / Characteristics: Number of fuels for this unit (previous records):	FURNACES #1(2)-LENNOX	X SR 20Q5 #2 OIL-0.3 SULPHUR		
	Fuel Name			
	1			
	DEP Fuel #			
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). Number of Additional Fuels:	unit permanently. You must st	a if you stopped using this fuel in this till report for this year of record even if he removed from the unit in the next		
a. Source Classification Code (SCC):	10500105			
	SCC (call DEP if SCC will no	ot validate)		
	EXTERNAL COMBUSTION DISTILLATE OIL	N - SPACE HEATERS - INDUSTRIAL -		
	SCC Description - filled by e	eDEP upon error check.		
b. Type of fuel	FUEL NO.2			
	Fuel Description - filled by eDEP upon error check.			
c. Sulfur content for oils and coal (0-2.2%):	.138			
	Percent by weight			
d. Ash content for oils and coal(0- 10.0%):	0			
	Percent by weight			
e. Maximum hourly fuel rate for all firing burners:(enter "0"if unit	0.0022	1000 GALLONS ▼		
decommissioned prior to this year of record):	Amount	Units per hour		
f. Do you have fuel or usage restrictions?	• yes • O no - skip to qu	uestion 2		
g. DEP approval number for fuel restrictions:	EXEMPT			
	Most recent for this fuel			
h. Annual usage restriction (for this fuel):(amount or hours)	19.2720	1000 GALLONS ▼		
	Quantity	Units		
i. Short term use restriction (for this fuel):(amount or hours)	0.0022	1000 GALLONS ▼		
	Quantity	Units		
	•	Per C C G		



Fuel Burning Device Emission Unit

2020 Year of Record	
64 DEP EU#	
1190564 Facility AQ Identifier	

2. Total actual fuel used for year of record: (check your amount vs units and enter "0" if not used in the year of record)

0.0		1000 GALLONS	•
a. Amoun	t - year of record	b.Units	
0	1000 GALLONS	S	
c. Total a	nnual usage for pr	ior year of record	

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:	PM 10-FIL	PM 2.5-FIL	PM-CON	□SO2
Actual for previous	0	0		0
year:	Tons	Tons	Tons	Tons
Actual for year of	0	0		0
record:	Tons	Tons	Tons	Tons
Potential emissions	0.0237	0.0059		0.1910
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor	2.46	0.6150		143.60
in pounds per unit	1000 GALLONS ▼	1000 GALLONS ▼	▼	1000 GALLONS
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period		-	-	•
Basis DEP Approval				
number or regulation:				



2020 Year of Record	
64 DEP EU#	
1190564 Facility AQ Identifier	

Pollutant:	ГРВ	□voc	□ NH3	Гсо
Actual for previous		0		0
year:	Tons	Tons	Tons	Tons
Actual for year of		0		0
record:	Tons	Tons	Tons	Tons
Potential emissions		0.0073		0.0482
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor		0.76		5
in pounds per unit		1000 GALLONS	<u> </u>	1000 GALLONS 🔻
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto 🔻
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period	-	<u> </u>	<u></u>	-
Basis DEP				
Approval number or				
regulation:				

Pollutant:	□NO2	specify other pollutant
Actual for	0	
previous year:	Tons	Tons
Actual for year of	0	
record:	Tons	Tons
Potential emissions	0.1927	
otential emissions	Tons	Tons
Emission Factor	20	
in pounds per unit	1000 GALLONS	▼
Calculation Method	USEPA Emission Facto	USEPA Emission Facto
Max allowed		
emissions-annual:	Tons	Tons
Max allowed		
emissions-short term:	Pounds	Pounds
Short term Period	•	_
Basis DEP Approval number or regulation:		



Fuel Burning Device Emission Unit

2020 Year of Record	
64 DEP EU#	
1190564 Facility AQ Identifier	

4	0		3.6 1	.1 1	C 1	20
1	Ozone season	emissions	- May I	through	Sentember	40
٠.	Ozone season	CITIIOSIOIIS	IVIU y I	unougn	September	20

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

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

C. Notes and Attachments

1. Notes: please include any additional information that will help DEP understand your submission.			
THIS UNIT WAS NOT USED IN CALENDAR YEAR 2020			

2. Attachments:

Check here to submit attachments to this form (e.g., calculations) -add a note in the field above indicating what is attached. This will create a new step on your Transaction Overview Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments above and deliver them to DEP with a paper copy of this form.



Fuel Burning Device Emission Unit

2020 Year of Record	
67 DEP EU#	
1190564 Facility AQ Identifier	

A. Equipment Description

1. Faciltity Identifiers:	
CLEAN HARBORS OF BRAINTREE INC	
a. Facility Name	
34839	1190564
b. DEP Account Number	c. Facility AQ Identifier
2. Emission Unit Identifiers:	
INDUSTRIAL OIL FURNACE LG14-225	
a. Facility's choice of emission unit name - edit as needed	
LG14	67
b. Facility's emission unit number / code - edit as needed	c. DEP emission unit #
	64
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units
3. Emission unit installation and decommission dates:	
11/15/2015	
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 and nar	me for the unit being replaced from the drop-down list below:
	▼
b. DEP's Emission Unit Number and facility's emission unit	name

2020 Year of Record	
67 DEP EU#	
1190564 Facility AQ Identifier	

_	-			
١.	$H \cap$	1111	nm	ent

a. Equipment Type EPA Unit type code				
EFA Unit type code		FURNAC	CE	▼
EPA Unit Type (describe):		FURNACI	Е	
If engine, is this an emergency generate	r?	C Yes	$rac{1}{1}$ No	
If an emergency generator, please givoperation:	ve the number of	hours of ope	eration during the reporting	ng year for each category
Emergency Use(hours)				
Non Emergency Use(hours)				
Maintenance and Readiness Testing(ho	ours)		,	
ALLIED AIR ENTERPRISES LLC (A LENN	NOX COMPANY)	LG-14-22:		
b. Manufacturer		c. Model	number	
0.28		1		
d. Max Input Rating MMBtu/hr (must be g	reater than 0)	e. Numbe	r of burners (enter "0" if not	applicable)
f. Types of burner - check one:	© rotary			
	• mech.			
	C steam	atomizer		
	C air ato	mizer		
	C travel	ing grate		
	C hand t	fired		
	Other			
	Specify "	other" burne	er type	
BECKETT		230V-1-60)	
g. Burner Manufacturer		h. Burner	Model number	
11/15/2015				
i.Burner Installation Date (mm/dd/yyyy)				
DEP approvals - leave blank if not applicable	::			
a. Most recent approval number		b. DEP ap	oproval date (mm/dd/yyyy)	
Is this unit exempt under 310 CMR 7.02 Plan	Approvals?			
If exempt from Plan Approval, indicate the r	eason for the evem	ntion from the	he dron-down list below (e.g	cite a specific DED regula
ir exempt from Fran Approval, indicate the f	Cason for the Cacill	բոցո, ոցու և	ne drop-down list below. (e.g	, one a specific DET regula



Fuel Burning Device Emission Unit

2020 Year of Record	_
67 DEP EU#	
1190564 Facility AQ Identifier	

9. Additional S	State Reporting Requirement	ents:					
a. Are there	other routine air quality re	eporting require	ments for this en	nissions unit?			
	ecify reporting frequency			No - Skip to qu	estion 9c		
Monthly	frequency - check all tha Quarterly erating Permit and Plan A		Semi-annual	□ Annu	al	□ RES	
	t subject to (check all that		out not exceed	nee reporting)			
10. Hours of o	peration for the emission	unit:	□ a.	check if contin	nuously ope	erated - 24 X 7 X 52	
10		7			4		
b. Number o	f hours per day	c. Number	of days per week		d. Number	of weeks per year	
e. Percent of	total annual operation that	t occurs in each	ı calendar quarter	c(0 or 0.1 - 100)):		
60.0	20.0	0.0	20.0		Sum of Q	1+Q2+Q3+Q4 must = 100%	
Q1	Q2	Q3	Q4		or 0 if the	e unit was not operated for any qua	rter
11. Ozone seas	son schedule - May 1 thro	ugh September	30:				
0		0			0		
a. Ozone se	eason hours per day	b. Ozone	season days per v	week	c. Weeks	operated in ozone season	
12. Emission F	Release Point - select one:			I	Engines clic	ck here for instructions:	
Non-Stack	Release Points:			Physical Stac	eks:		
C fugitive	e			© vertical st	tack		
C horizon	ntal vent			C vertical w	ith rain cap	o/sleeve	
C engine	exhaust			L			
C downw	vard facing vent						
© vertica	l stack/vent less than 10ft						

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

9 1 STACK-2 FURNACES - LENNOX

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

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



Fuel Burning Device Emission Unit

2020
Year of Record

67
DEP EU#

1190564
Facility AQ Identifier

14. Is there an air pollution control device/s on this emissions unit?

C Yes - answer a through i

No - skip to question 15



Fuel Burning Device Emission Unit

2020 Year of Record	
67 DEP EU#	
1190564 Facility AQ Identifier	

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

C Yes - answer a through	ı l	🖲 No - sk	kip to	section B				
	Monitor 1			Monitor 2			Monitor 3	
a. Monitor type:	CEMs			CEMs			C CEMs	
	Opacity			Opacity			C opacity	
	Oother			Other			C other	
	Describe			Describe			Describe	
b. Manufacturer:								
c. Model Number:								
d. Monitor ID #:								
	Facility's De	signation		Facility's De	signation		Facility's Des	signation
e. Installation Date:								
	(mm/dd/yyy	y)		(mm/dd/yyy	y)		(mm/dd/yyyy	y)
f. DEP Approval #:								
g. DEP Approval Date:								
	(mm/dd/yyy	y)		(mm/dd/yyy	y)		(mm/dd/yyyy	y)
h. Decommission Date:								
	(mm/dd/yyy	y)		(mm/dd/yyy	y)		(mm/dd/yyyy	y)
i. Recorder?	Oyes	Ono		Oyes	Ono		Oyes	Ono
j. Audible Alarm?	Oyes	Ono		Oyes	Ono		Oyes	Ono
k. Data System?	Oyes	Ono		Oyes	Ono		Oyes	Ono
1. Monitored Pollutants -	□ PM 10			□ PM 10			□ PM 10	
check all that apply:	□ PM 2.5			□ PM 2.5			☐ PM 2.5	
	\square SO2			\square SO2			\square SO2	
	\Box co			\Box co			\Box co	
	\square VOC			\square VOC			\Box VOC	
	\square NO2			\square NO2			□ NO2	
	□ NH3			\square NH3			□ NH3	
	☐ Mercury			Mercury			☐ Mercury	
	☐ Oxygen			☐ Oxygen			☐ Oxygen	
	\Box CO2			CO2			□ CO2	
	□ H2S			□ H2S			☐ H2S	
	☐ HCL			☐ HCL			☐ HCL	
	Opacity			Opacity			Opacity	
	Other			Other			Other	
			•			•		▼
	Describe			Describe			Describe	

2020 Year of Recor	d
67 DEP EU#	
1190564 Facility AQ Id	dentifier

B. Fuels and Emissions		
1. Fuel Name / Characteristics: Number of fuels for this unit (previous records):	NO. 2 OIL	
	Fuel Name	
	1	
	DEP Fuel #	
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). Number of Additional Fuels:	unit permanently. You must	ox if you stopped using this fuel in this still report for this year of record even if the removed from the unit in the next
a. Source Classification Code (SCC):	10200501	
	SCC (call DEP if SCC will	not validate)
	EXTERNAL COMBUSTIC DISTILLATE OIL - GRAD	ON BOILERS - INDUSTRIAL - DES 1 AND 2 - BOILER
	SCC Description - filled by	y eDEP upon error check.
b. Type of fuel	FUEL NO.2	
	Fuel Description - filled by	eDEP upon error check.
c. Sulfur content for oils and coal (0-2.2%):	.138	
	Percent by weight	
d. Ash content for oils and coal(0- 10.0%):	0	
	Percent by weight	
e. Maximum hourly fuel rate for all firing burners:(enter "0"if unit	0.0003	1000 GALLONS ▼
decommissioned prior to this year of record):	Amount	Units per hour
f. Do you have fuel or usage restrictions?	C yes • no - skip to	question 2
g. DEP approval number for fuel restrictions:		
	Most recent for this fuel	
h. Annual usage restriction (for this fuel):(amount or hours)		
	Quantity	Units
i. Short term use restriction (for this fuel):(amount or hours)		<u> </u>
	Quantity	Units
		Per C C C C
		month week day hour



Fuel Burning Device Emission Unit

2020 Year of Record
67 DEP EU#
1190564 Facility AQ Identifier

2. Total actual fuel used for year of record: (check your amount vs units and enter "0" if not used in the year of record)

0.3640		1000 GALLONS	_
a. Amou	nt - year of record	b.Units	
.33	1000 GALLON	NS	
c. Total a	nnual usage for pri	ior year of record	

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:	PM 10-FIL	PM 2.5-FIL	PM-CON	□SO2
Actual for previous	0.0002	0		0.0032
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0002	0		0.0036
record:	Tons	Tons	Tons	Tons
Potential emissions	0.0013	0.0003		0.0257
1 Otential Chrissions	Tons	Tons	Tons	Tons
Emission Factor	1	0.25		142
in pounds per unit	1000 GALLONS ▼	1000 GALLONS	▼	1000 GALLONS
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto
Max allowed emissions-annual:	Tons	Tons	Tons	Tons
Max allowed emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period	-		-	
Basis DEP Approval number or regulation:				



2020 Year of Record	
67 DEP EU#	
1190564	
Facility AQ Identifier	

Pollutant:	ГРВ	□voc	□ NH3	Гсо
Actual for previous		0		0.0008
year:	Tons	Tons	Tons	Tons
Actual for year of		0		0.0009
record:	Tons	Tons	Tons	Tons
Potential emissions		0.0003		0.0066
1 otential emissions	Tons	Tons	Tons	Tons
Emission Factor		0.20		5
in pounds per unit		1000 GALLONS ▼	-	1000 GALLONS 🔻
Calculation Method	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto	USEPA Emission Facto 🔻
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period	_	_	_	•
Basis DEP				
Approval				
number or				

Pollutant:	□NO2	specify other pollutant
Actual for	0.0040	
previous year:	Tons	Tons
Actual for year of	0.0044	
record:	Tons	Tons
Potential emissions	0.0315	
- Otential emissions	Tons	Tons
Emission Factor	24	
in pounds per unit	1000 GALLONS	<u> </u>
Calculation Method	USEPA Emission Facto	USEPA Emission Facto 💌
Max allowed		
emissions-annual:	Tons	Tons
Max allowed		
emissions-short term:	Pounds	Pounds
Short term Period	_	_
Basis DEP		
Approval number or		
regulation:		



Fuel Burning Device Emission Unit

4. Ozone season emissions - May 1 through September 30

2020 Year of Record
67 DEP EU#
1190564 Facility AQ Identifier

0
b. Typical day NOx emissions - pounds per day
check to enter your own values
1. However, you may enter your own values by checking the bo
understand your submission.



Massachusetts Department of Environmental Protection Bureau of Air and Waste Process Emission Unit

2020 Year of Record	
5 DEP EU#	
1190564 Facility AQ Identifier	

A. Process Description

. Facility Identifiers:	
CLEAN HARBORS OF BRAINTREE INC a. Facility Name	
	1100564
34839	1190564
	c. Facility AQ Identifier
Emission Unit Identifiers:	
2 DRUM CRUSHING LINES	
a. Facility's choice of emission unit name - edit as neede	ed
5	5
b. Facility's emission unit number / code - edit as neede	d c. DEP emission unit #
d. Combined Units – enter number of individual units	
Emission unit installation and decommission dates:	
6/1/1986	
a.Installation date - estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) - if applicable(mm/dd/yyyy)
	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	or the unit being replaced below:
b. DEP's Emission Unit Number and facility's unit name	



Massachusetts Department of Environmental Protection

Bureau of Air and Waste Process Emission Unit

2020 Year of Record 5 DEP EU# 1190564 Facility AQ Identifier

5.Equipment

CRUSHER CRUSHER		~
a.Equipment Type:	b.EPA Unit Type Code:	
GREENBECK	18 SWB	
c. Manufacturer	d. Model number	
DEP approvals - leave blank if not applicab	1/13/1988	
,		
a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)	
. Is this unit exempt under 310 CMR 7.02 P ○ Yes ⓒ No	lan Approvals?	
If exempt from Plan Approval, indicate reas	on why (e.g., cite a specific DEP regulation):	



form.

Massachusetts Department of Environmental Protection

Bureau of Air and Waste Process

Emission Unit

2020 Year of Record 5 DEP EU# 1190564 Facility AQ Identifier

9. Additional	State Reporting Requ	irements:				
	other routine air quali ecify reporting freque		quirements for this emiss © No - Skip t			
b. Reporting ☐ Monthly	g frequency - check al		Semi-annual ▽ An	nnual Z RES		
(include Ope	erating Permit and Pla	an Approval re	ports, but not exceedance	ce reporting)		
c. Is this unit	t subject to (check all P NSPS	that apply):				
10. Hours of c	operation for this emis	sion unit:	a. check if c	continuously operated - 24 X 7 X 52		
0		0		0		
b. Number o	of hours per day	c. Number	of days per week	d. Number of weeks per year		
e. Percent of	f total annual operation	on that occurs	in each calendar quarter	(0 or 0.1 - 100):		
0.0	0.0	0.0	0.0	Sum of Q1+Q2+Q3+Q4 must = 100%		
Q1 Q2		Q3 Q4		or 0 if the unit was not operated for any quarter		
11. Ozone sea	ason schedule - May	through Sept	ember 30:			
0		0		0		
a. Ozone se	eason hours per day	b. Ozone	season days per week	c. Weeks operated in ozone season		
12. Emission	Release Point - select	one:				
	Release Points:		Physical Sta			
© fugitive				© vertical stack		
○ horizon			© vertical v	vith rain cap/sleeve		
© goosen						
	vard facing vent					
© vertical	stack/vent less than 1	.0ft				
13. Link this u	unit to a physical stack	x (if applicable	e) - pick from the list belo	ow:		
5 2 DRUM C	CRUSHING LINES			v		
•			hange stack name use the this form now and comp	ne STACK form before returning to this		



j. Audible Alarm

k. Data System?

yes

🗘 yes

O no

🖰 no

Massachusetts Department of Environmental Protection Bureau of Air and Waste

Process

Emission Unit

2020 Year of Record
5 DEP EU#
1190564 Facility AQ Identifier

4. Air pollution control device/s on this emissions unit?							
C Yes - answer a through i							
5. Monitoring Equipment on this emissions unit or its related control devices:							
○ Yes - answer a through l							
	Monitor 1	Monitor 2	Monitor 3				
a. Monitor type:	C CEMs	○ CEMs	○ CEMs				
with the same of t	© opacity	© opacity	© opacity				
	C fuel flow meter	C fuel flow meter	C fuel flow meter				
	C time recorder	C time recorder	C time recorder				
	C temperature recorder	C temperature recorder	C temperature recorder				
	C pressure recorder	C pressure	C pressure recorder				
	○ other	C other	C other				
	Describe	Describe	Describe				
b. Manufacturer:							
c. Model Number:							
d. Monitor ID #:							
	Facility's Designation	Facility's Designation	Facility's Designation				
e. Installation Date:							
	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)				
f. DEP Approval #:							
g. DEP Approval Date:							
	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)				
h. Decommission Date:							
	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)				
i. Recorder	C yes C no	C yes C no	C yes C no				

yes

O yes

 \bigcirc no

🖰 no

yes

O yes

 \bigcirc no

🖰 no



Massachusetts Department of Environmental Protection Bureau of Air and Waste Process Emission Unit

2020 Year of Record

5 DEP EU#

Bureau of Air and Waste Process

Emission Unit

2020 Year of Record 5 DEP EU# 1190564 Facility AQ Identifier

s - □ PM 10	□ PM 10	□ PM 10	
□ PM 2.5	□ PM 2.5	□ PM 2.5	
\square SO2	□ SO2	□ SO2	
□СО	\Box CO	□ CO	
\square VOC	\Box VOC	\square VOC	
□ NO2	□NO2	□ NO2	
□ NH3	□ NH3	□ NH3	
☐ Mercury	☐ Mercury	☐ Mercury	
☐ Oxygen	☐ Oxygen	□ Oxygen	
□ CO2	□ CO2	□ CO2	
□ H2S	□ H2S	□ H2S	
\Box HCL	\Box HCL	\Box HCL	
□ Opacity	☐ Opacity	☐ Opacity	
☐ Other	☐ Other	☐ Other	
	-	•	_
Describe	Describe	Describe	
	□ PM 2.5 □ SO2 □ CO □ VOC □ NO2 □ NH3 □ Mercury □ Oxygen □ CO2 □ H2S □ HCL □ Opacity □ Other	□ PM 2.5 □ SO2 □ CO □ CO □ VOC □ VOC □ NO2 □ NO2 □ NH3 □ NH3 □ Mercury □ Oxygen □ CO2 □ CO2 □ H2S □ H2S □ HCL □ HCL □ Opacity □ Opacity □ Other □ Other	□ PM 2.5 □ PM 2.5 □ PM 2.5 □ SO2 □ SO2 □ SO2 □ CO □ CO □ CO □ VOC □ VOC □ VOC □ NO2 □ NO2 □ NO2 □ NH3 □ NH3 □ NH3 □ Mercury □ Mercury □ Mercury □ Oxygen □ Oxygen □ Oxygen □ CO2 □ CO2 □ CO2 □ H2S □ H2S □ H2S □ HCL □ HCL □ HCL □ Opacity □ Opacity □ Opacity □ Other □ Other



Bureau of Air and Waste Process

Emission Unit

2020 Year of Ro	ecord
5 DEP EU#	
1190564 Facility A	4 Q Identifier

B.Emissions for Raw Materials/Finished Products

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)	using this ma must still rep	terial or ort for t l/produ	r product this year	ct: check box in this unit per of record even e removed from	manent if amou	ly. You unt is "0"
1. Operation Description:						
a. Raw material or finished product name or Fuel Type:	MATERIAL					
Number of segments for this unit (previous records):						
1						
b. Is material/product an input or output?	input or		© fuel	1 DEP#		
c. Process Description	2 DRUM	1 CRUS	SHING I	LINES	DRU	JMS
d. Source Classification code (SCC)	INDUST MANUF MISCEL OTHER	DEP it TRIAL FACTU LANE NOT C	PROCES RING IN OUS IN CLASSIF	ill not validate SSES - MISC NDUSTRIES DUSTRIAL I FIED by eDEP upon	ELLAN - PROCE	ESSES -
e. Maximum process rate for material/product	120			TONS		-
	Amount			Units per ho	our	
f. If organic material, give percent by weight %, and if fuel, give percent by weight of Sulfer conten (0-2.2 percent)	VOC HYC			НОС		
g. Total actual raw material used /finished product or fuel for	0			TONS		<u>-</u>
year of record: Caution: check your amounts vs. units (Enter "0" if not used in the year of record)	Amount 0 Total annua prior year	al usage		Units		
h. Do you have raw material or finished product restrictions?	? © yes	⊙ no -	skip to q	uestion 1.1		



Massachusetts Department of Environmental Protection Bureau of Air and Waste Process

Emission Unit

2020 Year of Record 5 DEP EU# 1190564 Facility AQ Identifier

i. DEP approval number for restrictions:		
	Most recent approval nu	imber for this material or product
j. Short term raw material/finished product or fuel restriction (if		•
none leave blank):	Quantity(Amount or hour	rs) Units
	C C C C month week day hour	
k. Annual material/finished product restriction (if none leave		▼
blank):	Quantity(Amount or hou	urs) Units
1. Indicate which air pollution control devices from Section A,	•	•
Question 14 control this material/product by listing the facility- designated control device ID # for each unit that	Device ID #	Device ID #
applies:	_	▼
	Device ID#	Device ID #
	▼	•
	Device ID #	Device ID#

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

Pollutant:	PM 10-FIL	PM 2.5-FIL	PM-CON	SO2
Actual for previous				
year:	Tons	Tons	Tons	Tons
Actual for year of				
record:	Tons	Tons	Tons	Tons
Potential emissions				
1 oterriar erinssions	Tons	Tons	Tons	Tons
Emission Factor				
in pounds per unit	TONS	TONS	TONS	TONS
Calculation Method			<u> </u>	
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period		•	-	
Basis DEP Approval				
number or regulation:				



Massachusetts Department of Environmental Protection Bureau of Air and Waste Process

Emission Unit

2020 Year of Record 5 DEP EU# 1190564 Facility AQ Identifier

Pollutant:	PB	VOC	NH3	CO
Actual for		0		
previous year:	Tons	Tons	Tons	Tons
Actual for year of		0		
record:	Tons	Tons	Tons	Tons
Potential		12		
emissions	Tons	Tons	Tons	Tons
Emission Factor		0.11		
in pounds per unit	TONS	TONS	TONS	TONS
Calculation Method	•	Continuous Emission 🔻	•	<u> </u>
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Pounds	Pounds	Pounds	Pounds
Short term Period	•	•	•	•
Basis DEP				
Approval		MBR-87-IND-191		
number or regulation:				



Massachusetts Department of Environmental Protection Bureau of Air and Waste Process

Emission Unit

2020 Year of Record	
5 DEP EU#	
1190564 Facility AQ Identifier	

Pollutant:	NO2	нос	specify other pollutant
Actual for			
previous year:	Tons	Tons	Tons
Actual for year of			
record:	Tons	Tons	Tons
Potential			
emissions	Tons	Tons	Tons
Emission Factor			
in pounds per unit	TONS	TONS	TONS
Calculation Method	<u> </u>	<u> </u>	<u> </u>
Max allowed			
emissions-annual:	Tons	Tons	Tons
Max allowed			
emissions-short term:	Pounds	Pounds	Pounds
Short term	-	-	-
Period Basis DEP			_
Approval			
number or			



Massachusetts Department of Environmental Protection Bureau of Air and Waste Process Emission Unit

2020 Year of Record 5 DEP EU# 1190564

Facility AQ Identifier

3. Ozone season emissions - May 1 through September 30 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 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 Air and Waste - Air Quality

BWP AQ AP-4 Emission Unit - Organic Material Storage

2020	
Year of Record	
8	
DEP EU# (old Point#)	

1190564 Facility AQ identifier

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

A T	•	4	\mathbf{r}			
\mathbf{A} \mathbf{H}	am	pment	I)	escrii	1 ti	0n
1 1011	qui		_	CSCII	,,,	UII

1. Facility identifiers:								
CLEAN HARBORS (OF BRAINT	TREE INC						
a.Facility Name								
34839				1190	564			
b.DEP Account Number	er			c.Faci	lity AQ	identifie	r - SSEIS ID number	
2.Emission unit identifier	s:							
AG TANK A3-9,800	GAL							
a.Facility's choice of em	nission unit 1	name - edit as n	needed					
8					8			
b.Facility's emission un	it number / o	code - edit as n	eeded		c.D	EP emi	ssions unit # - SSEIS point #	
d.Combined units - ente	r number of	individual units	S					
3.Emission unit installation	on and decor	mmission dates	:					
1/1/1986								
a.Installation Date - estin	mate if unkn	own (mm/dd/y	ууу)	b.Dec	ommissi	on Date	- estimate if unknown (mm/dd/yyyy)	
				_	olete only ced since		nit was shut down permannently or report.	
4.Emission unit replacem a. Is this unit replacing No Yes b.DEP's Emission Unit	another emis		ame			▼		
5.Unit Descriptions :								
a.Description	b.Roof Type	© Floating Roof	○ Int Roof		Fixed	Other	Specify other	
14.66	11.5			9800				
c.Height / Length - Feet d. Diameter- feet				e.Capacity - gallons				
6.Construction:	weld € Rive	t C FiberGlass	Guni	ite				

No.

i. Total oxygen percent - gasoline only

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 8 DEP EU# (old Point#) 1190564

	Facility
7. Material Stored (at start of year):	
CARBON BLACK	
a.Name of material	
	10100300
b.CAS number if single chemical	c.SC Code for standing / breathing loss
EXTERNAL COMBUSTION BOILERS - ELECT BOILER, WET BOTTOM	TRIC GENERATION - PULVERIZED LIGNITE -
d.SCC Code Description - filled by DEP upon valid	ation
	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
0	
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only
3. New Material Stored (enter new material if conten	ts changed during year of record):
a.Name of material	
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
 d.SCC Code Description - filled by DEP upon valid	ation
disect code Description Timed by DDF upon valid	
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
6. vapor 1165sure in 151 at 25	- I composition - typical storage temp. In ratefillet
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
g. Annuar Throughput in ganons (Chich o if not used)	II.X v I - gasonic only

j.Oxygenate name - gasoline only



2020 Year of Record
8 DEP EU# (old Point#)
1190564

Facility AQ identifier

Emission Unit - Organic Material Storage

R	.Note:	s and	atta	chem	enf
v.		s anu	atta		

1.Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

NOT USE IN 2020.	

2. Attachments:



Bureau of Air and Waste - Air Quality BWP AQ ÅP-4

Emission Unit - Organic Material Storage

2020 Year of Record

DEP EU# (old Point#)

Complete one AP-4 for A.Equipment Des	•	nic material sto	orage tank.			
1. Facility identifiers:						
CLEAN HARBORS	S OF BRAIN	TREE INC				
a.Facility Name						
34839			1190	0564		
b.DEP Account Num	ıber		c.Fac	cility AQ	identifie	r - SSEIS ID number
2.Emission unit identifi	iers:					
AG TANK A7 - 9,5	00 GAL.					
a.Facility's choice of	emission unit	name - edit as n	eeded			
12				68	3	
b.Facility's emission	unit number /	code - edit as no	eeded	c.I	DEP emi	ssions unit # - SSEIS point #
a.Installation Date - ea 4.Emission unit replace a. Is this unit replace	ement :		Com		y if the u	- estimate if unknown (mm/dd/yyyy) nit was shut down permannently or report .
⊙ No ⊜ Yes						
b.DEP's Emission U	nit Number an	d facility unit na	nme		lacksquare	
5.Unit Descriptions:						
a.Description	b.Roof Type	© Floating Roof	C Internal Roof	Fixed	C Other	Specify other
17.25	12		9500			
c.Height / Length -	Feet d. Di	ameter- feet	e.Capa	acity - ga	llons	
6.Construction :	er weld C Rive	et 🤁 FiberGlass	Gunite			

Emission Unit - Organic Material Storage

2020 Year of Record

68 DEP EU# (old Point#)

PROCESS UNIT	
a.Name of material	
872504	50300899
b.CAS number if single chemical	c.SC Code for standing / breathing loss
WASTE DISPOSAL - SOLID WASTE DISPOSAL DISPOSAL/TSDF - GENERAL: FUGITIVE EMI	
d.SCC Code Description - filled by DEP upon validation	
0.342	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
52042	
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i Total aversan nament sasalina anki	j.Oxygenate name - gasoline only
i. Total oxygen percent - gasoline only8. New Material Stored (enter new material if content	
3. New Material Stored (enter new material if content PROCESS UNIT a.Name of material	
3. New Material Stored (enter new material if content PROCESS UNIT	
3. New Material Stored (enter new material if content PROCESS UNIT a.Name of material	s changed during year of record):
PROCESS UNIT a.Name of material b.CAS number if single chemical WASTE DISPOSAL - SOLID WASTE DISPOSA	50300899 c.SCC Code for standing / breathing loss L - INDUSTRIAL - TREATMENT,
PROCESS UNIT a.Name of material b.CAS number if single chemical WASTE DISPOSAL - SOLID WASTE DISPOSAL STORAGE, DISPOSAL/TSDF - GENERAL: FUC	50300899 c.SCC Code for standing / breathing loss L - INDUSTRIAL - TREATMENT, GITIVE EMISSIONS
PROCESS UNIT a.Name of material b.CAS number if single chemical WASTE DISPOSAL - SOLID WASTE DISPOSAL STORAGE, DISPOSAL/TSDF - GENERAL: FUC	50300899 c.SCC Code for standing / breathing loss L - INDUSTRIAL - TREATMENT, GITIVE EMISSIONS
PROCESS UNIT a.Name of material b.CAS number if single chemical WASTE DISPOSAL - SOLID WASTE DISPOSAL STORAGE, DISPOSAL/TSDF - GENERAL: FUG d.SCC Code Description - filled by DEP upon validation	50300899 c.SCC Code for standing / breathing loss L - INDUSTRIAL - TREATMENT, GITIVE EMISSIONS
PROCESS UNIT a.Name of material b.CAS number if single chemical WASTE DISPOSAL - SOLID WASTE DISPOSAL STORAGE, DISPOSAL/TSDF - GENERAL: FUG d.SCC Code Description - filled by DEP upon validation.	50300899 c.SCC Code for standing / breathing loss L - INDUSTRIAL - TREATMENT, GITIVE EMISSIONS
PROCESS UNIT a.Name of material b.CAS number if single chemical	50300899 c.SCC Code for standing / breathing loss L - INDUSTRIAL - TREATMENT, GITIVE EMISSIONS ation 52
PROCESS UNIT a.Name of material b.CAS number if single chemical WASTE DISPOSAL - SOLID WASTE DISPOSAL STORAGE, DISPOSAL/TSDF - GENERAL: FUG d.SCC Code Description - filled by DEP upon valida 1.04 e. Vapor Pressure in PSI at 25° C	50300899 c.SCC Code for standing / breathing loss L - INDUSTRIAL - TREATMENT, GITIVE EMISSIONS ation 52
PROCESS UNIT a.Name of material b.CAS number if single chemical WASTE DISPOSAL - SOLID WASTE DISPOSAL STORAGE, DISPOSAL/TSDF - GENERAL: FUG d.SCC Code Description - filled by DEP upon valida 1.04 e.Vapor Pressure in PSI at 25° C	50300899 c.SCC Code for standing / breathing loss L - INDUSTRIAL - TREATMENT, GITIVE EMISSIONS ation 52 f.Temperature - typical storage temp. in Farenheit



Emission Unit - Organic Material Storage

2020 Year of Record 68 DEP EU# (old Point#) 1190564

Facility AQ identifier

B.Notes and attachement

otes : please incl omission (5000 cl	_	below any add	litional informat	ion that will help	DEP understand	l your

2. Attachments:



Bureau of Air and Waste - Air Quality
BWP AQ AP-4
Emission Unit - Organic Material Storage

2020 Year of Record

60 DEP EU# (old Point#)

Complete one AP-4 for A.Equipment Desc	_	nic material sto	orage tan	k.			
1. Facility identifiers:	_						
CLEAN HARBORS	OF BRAIN	TREE INC					
a.Facility Name							
34839				11903	564		
b.DEP Account Number	er			c.Facil	ity AQ	identifie	r - SSEIS ID number
2.Emission unit identifier	rs:						
AG TANK B7- POLY	YOLEFIN T	ANKS WASTI	EWATE	R NO	VOCS		
a.Facility's choice of en	nission unit i	name - edit as n	eeded				
60					60		
b.Facility's emission ur	nit number /	code - edit as ne	eeded		c.D	EP emis	ssions unit # - SSEIS point #
3.Emission unit installati 3/1/2011 a.Installation Date - esti				Comp	lete only		- estimate if unknown (mm/dd/yyyy) nit was shut down permannently or report .
4.Emission unit replacen	nent:						
a. Is this unit replacing	another emi	ssion unit?					
© No © Yes	. 3.7 . 1	1.6 314 34					
b.DEP's Emission Unit	t Number and	a facility unit na	ıme			_1	
5.Unit Descriptions:							
a.Description	b.Roof Type	© Floating Roof	C Inte Roof	ernal	© Fixed	Other	Specify other
19.13	9.25			6506			
c.Height / Length - Fe	eet d. Dia	ameter- feet	(e.Capacity - gallons			
6.Construction:							
Steel Weld C Other:	weld 🗂 Rive	t 🗂 FiberGlass	Cunit	te			

The state of the s

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 60 DEP EU# (old Point#)

7. Material Stored (at start of year):	
LIQUID WASTE	
a.Name of material	
	10100300
b.CAS number if single chemical	c.SC Code for standing / breathing loss
EXTERNAL COMBUSTION BOILERS - ELECT BOILER, WET BOTTOM	TRIC GENERATION - PULVERIZED LIGNITE -
d.SCC Code Description - filled by DEP upon validation	ation
	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
0	
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only
8. New Material Stored (enter new material if content	ts changed during year of record):
,	
a.Name of material	
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
d.SCC Code Description - filled by DEP upon validation	ation
	1
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
	1
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
	1
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only



Emission Unit - Organic Material Storage

2020 Year of Record 60 DEP EU# (old Point#)

Facility AQ identifier

1190564

B.Notes and attachement

1.Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

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

2. Attachments:



6. Construction:

○ Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

Massachusetts Department of Environmental Protection

Bureau of Air and Waste - Air Quality
BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 57 DEP EU# (old Point#)

Complete one AP-4 for E A.Equipment Descr	•	nic material sto	orage ta	nk.						
1. Facility identifiers :	•									
CLEAN HARBORS O	F BRAINT	TREE INC								
a.Facility Name										
34839				1190	564					
b.DEP Account Number	•			c.Facility AQ identifier - SSEIS ID number						
2.Emission unit identifiers	:									
AG TANK B4- POLY	OLEFIN H	I WASTEWA	TER N	O VOC	S					
a.Facility's choice of emi	ssion unit i	name - edit as r	needed							
57					57	7				
b.Facility's emission unit	number /	code - edit as n	eeded		c.I	DEP emi	ssions unit # - SSEIS point #			
d.Combined units - enter	number of	individual unit	S							
3.Emission unit installatio	n and deco	mmission dates	:							
3/1/2011										
a.Installation Date - estim	nate if unkn	own (mm/dd/y	ууу)	b.Dec	ommissi	ion Date	- estimate if unknown (mm/dd/yyyy)			
				Comr	olete only	y if the u	nit was shut down permannently or			
				-		the last	-			
4 E										
4.Emission unit replaceme		agion unit ?								
a. Is this unit replacing aNo C Yes	nomer enn	SSIOII UIIIt !								
b.DEP's Emission Unit 1	Number and	d facility unit n	ame							
		<u> </u>				₹				
5.Unit Descriptions :						<u>—</u>				
a.Description	h Doof	© Floating		ternal	0	0				
a.Description	b.Roof Type	Roof	Root		Fixed	Other	Specify other			
19.25	9.25			6506						
c.Height / Length - Fee		ameter- feet		,	city - gal	llons				

No.

Massachusetts Department of Environmental Protection *Bureau of Air and Waste - Air Quality*BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 57 DEP EU# (old Point#)

Facility AQ identifier

1190564

LIQUID WASTE	
.Name of material	
	10100300
.CAS number if single chemical	c.SC Code for standing / breathing loss
EXTERNAL COMBUSTION BOILERS - ELECT BOILER, WET BOTTOM	RIC GENERATION - PULVERIZED LIGNITE -
.SCC Code Description - filled by DEP upon valida	ation
	52
.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
)	
. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only
New Material Stored (enter new material if content	ts changed during year of record):
.Name of material	
.CAS number if single chemical	c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C

f.Temperature - typical storage temp. in Farenheit

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



Emission Unit - Organic Material Storage

2020 Year of Record	
57 DEP EU# (old Point#)	
1190564	

Facility AQ identifier

B.Notes and attachement

1.Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

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

2. Attachments:



Bureau of Air and Waste - Air Quality
BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record

54 DEP EU# (old Point#)

Complete one AP-4 for A.Equipment Desc	_	inic material sto	orage tar	ık.				
1. Facility identifiers :	•							
CLEAN HARBORS (OF BRAIN	TREE INC						
a.Facility Name								
34839					564			
b.DEP Account Number	er			c.Faci	lity AQ	identifie	r - SSEIS ID number	
2.Emission unit identifier	s:							
AG TANK B2- POL	YOLEFIN 7	TANK WAST	EWAT	ER NO	VOCS			
a.Facility's choice of en	nission unit i	name - edit as n	needed					
54					54			
b.Facility's emission un	it number /	code - edit as no	eeded		c.D	EP emis	ssions unit # - SSEIS point #	
d.Combined units - ente	er number of	individual units	S					
3.Emission unit installati	on and decor	mmission dates	:					
2/1/2011								
3/1/2011 a.Installation Date - esti	mata if unkn	own (mm/dd/w	,,,,,)	h Dec	ommicci	on Dota	- estimate if unknown (mm/dd/yyyy)	
a.mstanation Date - esti	mate ii ulikii	iowii (iiiiii/uu/y	ууу)	U.DCC	011111111881	on Date	- estimate ii unknown (min/uu/yyyy)	
					-		nit was shut down permannently or	
				replac	ed since	the last	report.	
4.Emission unit replacen	nent :							
a. Is this unit replacing		ssion unit?						
⊙ No ⊜ Yes								
b.DEP's Emission Unit	Number and	d facility unit na	ame					
						▼		
5.Unit Descriptions :								
a.Description	b.Roof	Floating	○ Int	ernal	•	0		
1	Туре	Roof	Roof		Fixed	Other	Specify other	
19.13	9.25			6506				
c.Height / Length - Fe	et d. Di	ameter- feet		e.Capacity - gallons				
6.Construction:								
C Stool Wold C Other	wold C Div	at C FiberClass	Cami	ito				

No.

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 54 DEP EU# (old Point#)

7. Material Stored (at start of year):	
LIQUID WASTE	
a.Name of material	
	10100300
b.CAS number if single chemical	c.SC Code for standing / breathing loss
EXTERNAL COMBUSTION BOILERS - ELECT BOILER, WET BOTTOM	TRIC GENERATION - PULVERIZED LIGNITE -
d.SCC Code Description - filled by DEP upon validation	ation
	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
0	
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only
8. New Material Stored (enter new material if conten	ts changed during year of record):
a.Name of material	
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
d.SCC Code Description - filled by DEP upon validation	ation
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
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



Emission Unit - Organic Material Storage

2020 Year of Record	
54 DEP EU# (old Point#)	
1190564	

Facility AQ identifier

B.Notes and attachement

1.Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

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

2. Attachments:



Bureau of Air and Waste - Air Quality
BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record

53 DEP EU# (old Point#)

Complete one AP-4 for A.Equipment Des	_	nic material sto	orage tank.				
1. Facility identifiers:							
CLEAN HARBORS	OF BRAIN	TREE INC					
a.Facility Name							
34839		1190564					
b.DEP Account Num	P Account Number c.Facility AQ identifier - SSEIS ID number					r - SSEIS ID number	
2.Emission unit identifi	ers :						
AG TANK B1- PO	LYOLEFIN	WASTEW.	ATER NO VO	OCS			
a.Facility's choice of e	emission unit	name - edit as n	eeded				
53				53	3		
b.Facility's emission u	ınit number /	code - edit as ne	eeded	c.I	DEP emi	ssions unit # - SSEIS point #	
3/1/2011 a.Installation Date - es 4.Emission unit replace a. Is this unit replacin No C Yes	ement :		Com		y if the u	- estimate if unknown (mm/dd/yyyy) nit was shut down permannently or report .	
b.DEP's Emission Ur	nit Number and	d facility unit na	ame				
					▼		
5.Unit Descriptions :							
a.Description	b.Roof Type	© Floating Roof	InternalRoof	© Fixed	Other	Specify other	
19.13	9.25		6506				
c.Height / Length - I		ameter- feet	e.Capa	acity - ga	llons		
6.Construction:	r weld 🤼 Rive	et 🤁 FiberGlass	□ Gunite				

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4 Emission Unit - Organic Material Storage

53 DEP EU# (old Point#)

2020 Year of Record

7. Material Stored (at start of year):	
LIQUID WASTE	
a.Name of material	
	10100300
b.CAS number if single chemical	c.SC Code for standing / breathing loss
EXTERNAL COMBUSTION BOILERS - ELECT BOILER, WET BOTTOM	TRIC GENERATION - PULVERIZED LIGNITE -
d.SCC Code Description - filled by DEP upon validation	ation
	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
0	
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only
a.Name of material	
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
d.SCC Code Description - filled by DEP upon validation	ation
V. B	
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
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



Emission Unit - Organic Material Storage

2020 Year of Record

53
DEP EU# (old Point#)

1190564

Facility AQ identifier

B.Notes and attachement

1.Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

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

2. Attachments:



Bureau of Air and Waste - Air Quality
BWP AQ AP-4

Emission Unit - Organic Material Storage

Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

2020 Year of Record 52 DEP EU# (old Point#)

Complete one AP-4 fo A.Equipment Des		nic material sto	orage tank.							
1. Facility identifiers:	-									
CLEAN HARBORS	OF BRAIN	TREE INC								
a.Facility Name										
34839			11	90564						
b.DEP Account Number				c.Facility AQ identifier - SSEIS ID number						
2.Emission unit identifie	ers:									
AG TANK A12 (6,3	00 GAL), NO). 2 FUEL OIL	1							
a.Facility's choice of e	mission unit	name - edit as n	eeded							
52				52	2					
b.Facility's emission u	nit number /	code - edit as ne	eeded	c.I	DEP emi	issions unit # - SSEIS point #				
d.Combined units - en	ter number of	individual units	S							
3.Emission unit installa	tion and decor	mmission dates	:							
1/1/1985										
a.Installation Date - es	timate if unkn	own (mm/dd/y	yyy) b.I	Decommiss	sion Date	e - estimate if unknown (mm/dd/yyyy)				
				mplete onl	-	init was shut down permannently or				
			rep	iaceu silici	e uie iasi	report.				
4.Emission unit replace	ment:									
a. Is this unit replacing	g another emi	ssion unit?								
⊙ No ○ Yes										
b.DEP's Emission Un	it Number and	d facility unit na	ame							
					▼					
5.Unit Descriptions:										
a.Description	b.Roof	Floating	Internal		Ö					
	Type	Roof	Roof	Fixed	Other	Specify other				
20	6		630	0						
c.Height / Length - F	Feet d. Dia	ameter- feet	e.Ca	pacity - ga	ıllons					
6.Construction:										

The state of the s

i. Total oxygen percent - gasoline only

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4 Emission Unit - Organic Material Storage

2020 Year of Record	
52	

DEP EU# (old Point#)

1190564 Facility AO identifier

	Facility AQ	identifier
7. Material Stored (at start of year):		
NO.2		
a.Name of material		
68476302	40301021	
b.CAS number if single chemical	c.SC Code for standing / breathing loss	
CHEMICAL EVAPORATION - PETROLEUM PIROOF TANKS (VARYING SIZES) - DISTILLAT d.SCC Code Description - filled by DEP upon valida	TE FUEL #2: WORKING LOSS (TANK DIAMETER	·
d.SCC Code Description - filled by DEF upon valida		
0.09	52	
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit	
12762		
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only	
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only	
8. New Material Stored (enter new material if content a.Name of material	ts changed during year of record):	
b.CAS number if single chemical	c.SCC Code for standing / breathing loss	
d.SCC Code Description - filled by DEP upon valida	ation	
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit	
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only	

j.Oxygenate name - gasoline only



Emission Unit - Organic Material Storage

2020 Year of Record
52 DEP EU# (old Point#)
1190564 Facility AQ identifier

B.Notes and attachement

Notes: please include in the space below any additional information that will help DEP understand your bmission (5000 character max).						

2. Attachments:



Bureau of Air and Waste - Air Quality
BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 51 DEP EU# (old Point#)

1190564 Facility AQ identifier

Complete one AP-4 for A.Equipment Desc	•	nic material sto	orage tan	k.			
1. Facility identifiers :	F						
CLEAN HARBORS	OF BRAIN	TREE INC					
a.Facility Name							
34839				1190	564		
b.DEP Account Numb	er			c.Faci	lity AQ	identifie	r - SSEIS ID number
2.Emission unit identifie	rs:						
AG TANK A13 (4,00	0 GAL), DI	ESEL LOW SU	JLF				
a.Facility's choice of en	mission unit	name - edit as r	needed				
51					51		
b.Facility's emission un	nit number /	code - edit as n	eeded		c.D	DEP emis	ssions unit # - SSEIS point #
d.Combined units - ent	er number of	individual unit	S				
3.Emission unit installat	ion and deco	mmission dates	:				
1/1/1985							
a.Installation Date - est	imate if unkn	own (mm/dd/y	ууу)	b.Dec	ommissi	on Date	- estimate if unknown (mm/dd/yyyy)
				-		if the unthe the last	nit was shut down permannently or
				теріас	cu since	tiic iast	report.
4.Emission unit replacer	ment:						
a. Is this unit replacing	another emi	ssion unit?					
© No © Yes							
b.DEP's Emission Uni	t Number an	d facility unit na	ame				
						▼	
5.Unit Descriptions:							
a.Description	b.Roof	Floating	○ Inte	ernal	•	O	
	Type	Roof	Roof		Fixed	Other	Specify other
25	7			4000			
c.Height / Length - Fo		ameter- feet			city - gal	llons	

6.Construction:

Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

No.

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 51 DEP EU# (old Point#)

7. Material Stored (at start of year):	
NO.2	
a.Name of material	
68334305	10100300
b.CAS number if single chemical	c.SC Code for standing / breathing loss
EXTERNAL COMBUSTION BOILERS - ELECT BOILER, WET BOTTOM	RIC GENERATION - PULVERIZED LIGNITE -
d.SCC Code Description - filled by DEP upon valida	ation
0.135	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
121252	
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only
8. New Material Stored (enter new material if content a.Name of material	ts changed during year of record):
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
d.SCC Code Description - filled by DEP upon valida	ation
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
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



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ ÅP-4 Emission Unit - Organic Material Storage

2020 Year of Record
51 DEP EU# (old Point#)

1190564 Facility AQ identifier

B.Notes and attachement

11551011 (3000 C)	naracter max).		
tachments:			

attachments in notes above and deliver them to DEP with a paper copy of this form.



Bureau of Air and Waste - Air Quality BWP AQ ÅP-4

Emission Unit - Organic Material Storage

2020 Year of Record 26 DEP EU# (old Point#)

1190564 Facility AQ identifier

Complete one AP-4 for A.Equipment Des	_	inic material sto	orage tan	k.			
1. Facility identifiers:							
CLEAN HARBORS	S OF BRAIN	TREE INC					
a.Facility Name							
34839				1190	564		
b.DEP Account Num	nber			c.Faci	lity AQ	identifie	r - SSEIS ID number
2.Emission unit identif	iers:						
AG TANK A25 (1,0	000 GAL)						
a.Facility's choice of	emission unit	name - edit as r	needed				
26					26	Ó	
b.Facility's emission	unit number /	code - edit as n	eeded		c.I	DEP emis	ssions unit # - SSEIS point #
d.Combined units - en	nter number of	individual unit	S				
3.Emission unit install	ation and deco	mmission dates	:				
1/1/1987							
a.Installation Date - e	stimate if unkn	own (mm/dd/y	yyy)	b.Dec	ommissi	ion Date	- estimate if unknown (mm/dd/yyyy)
		`					, , , , , , , , , , , , , , , , , , , ,
					•	y if the u the last	nit was shut down permannently or
				теріас	eu since	tile last	report.
4.Emission unit replac	ement:						
a. Is this unit replacing	ng another emi	ssion unit?					
© No © Yes							
b.DEP's Emission U	nit Number an	d facility unit na	ame				
						₩	
5.Unit Descriptions:							
a.Description	b.Roof	Floating	○ Inte	rnal	•	\circ	
	Type	Roof	Roof		Fixed	Other	Specify other
10.5	4			1000			
c.Height / Length -		ameter- feet	(e.Capac	city - ga	llons	

6. Construction:

Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

No.

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 26

DEP EU# (old Point#)

1190564 Facility AQ identifier

PROCESS UNIT	
a.Name of material	
	50300899
b.CAS number if single chemical	c.SC Code for standing / breathing loss
d.SCC Code Description - filled by DEP upon	n validation
d SCC Code Description filled by DED upor	n volidation
d.SCC Code Description - filled by DEP upor	
. , , ,	f.Temperature - typical storage temp. in Farenheit
d.SCC Code Description - filled by DEP upon e.Vapor Pressure in PSI at 25 ° C	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit

a.Name of material

b.CAS number if single chemical c.SCC Code for standing / breathing loss

d.SCC Code Description - filled by DEP upon validation

e.Vapor Pressure in PSI at 25° C f.Temperature - typical storage temp. in Farenheit

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):



Emission Unit - Organic Material Storage

2020 Year of Record	
26 DEP EU# (old Point#)	
1190564	_

Facility AQ identifier

B.Notes and attachement

1. Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

HIS TANK WAS NOT USED IN CALENDAR YEAR 2020	

2. Attachments:



Massachusetts Department of Environmental Protection

Bureau of Air and Waste - Air Quality
BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 25 DEP EU# (old Point#)

1190564 Facility AQ identifier

Complete one AP-4 for A.Equipment Desc		nic material sto	orage tanl	k.			
1. Facility identifiers:	cription						
CLEAN HARBORS	OF BRAIN	TREE INC					
a.Facility Name	Of BICAIIV	IKLL IIVC					
34839				1190	561		
b.DEP Account Numb	nor.					idantifia	r - SSEIS ID number
				C.I aci	my AQ	identine	I - SSEIS ID HUIHOCI
2.Emission unit identifie	ers:						
AG TANK A24 (2,40	· · ·						
a.Facility's choice of e	mission unit	name - edit as n	needed				
25					25	i	
b.Facility's emission u	nit number /	code - edit as n	eeded		c.D	EP emis	ssions unit # - SSEIS point #
d.Combined units - ent	er number of	individual units	S				
3.Emission unit installat	tion and deco	mmission dates	:				
1/1/1983							
a.Installation Date - est	timate if unkn	own (mm/dd/y	yyy)	b.Dec	ommissi	on Date	- estimate if unknown (mm/dd/yyyy)
				-	-		nit was shut down permannently or
				replac	ea since	the last	report.
4.Emission unit replace	ment:						
a. Is this unit replacing	g another emi	ssion unit?					
○ No ○ Yes							
b.DEP's Emission Un	it Number an	d facility unit na	ame				
						₩	
5.Unit Descriptions :							
a.Description	b.Roof	Floating	Inte	rnal	•	0	
a.Description	Type	Roof	Roof	IIIai	Fixed	Other	Specify other
10.5				2.400			—
10.5	7			2400	٠, ,	11	
c.Height / Length - F	eet d. Di	ameter- feet	ϵ	e.Capa	city - gal	lions	

6. Construction:

Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

No.

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 25 DEP EU# (old Point#)

1190564 Facility AQ identifier

DDOCESS LINIT	
PROCESS UNIT a.Name of material	
a.Name of material	
	50300899
b.CAS number if single chemical	c.SC Code for standing / breathing loss
WASTE DISPOSAL - SOLID WASTE DISPOSA DISPOSAL/TSDF - GENERAL: FUGITIVE EMI	
d.SCC Code Description - filled by DEP upon validation	
	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
0	
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only
	J. 1 J. 2
3. New Material Stored (enter new material if content	ts changed during year of record):
a.Name of material	
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
d.SCC Code Description - filled by DEP upon validation	ation
and the court of t	
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
c. vapor i ressure in i si at 25° C	
A manual Throughout in call and (h DVD gogolina suls
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



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record
25 DEP EU# (old Point#)
1190564

Facility AQ identifier

B.Notes and attachement

1. Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

NK NOT USED IN YEAR 2020	

2. Attachments:

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



Massachusetts Department of Environmental Protection

Bureau of Air and Waste - Air Quality BWP AQ ÅP-4

Emission Unit - Organic Material Storage

2020 Year of Record 24 DEP EU# (old Point#)

1190564 Facility AQ identifier

Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

Complete one AP-4 for A.Equipment Desc	_	nic material sto	orage tar	ık.					
1. Facility identifiers:	•								
CLEAN HARBORS (OF BRAIN	TREE INC							
a.Facility Name									
34839				1190	564				
b.DEP Account Number	er			c.Faci	lity AQ	identifie	r - SSEIS ID number		
2.Emission unit identifier	s:								
AG TANK A23 (2,40	GAL)								
a.Facility's choice of en	nission unit i	name - edit as n	eeded						
24					24				
b.Facility's emission un	it number /	code - edit as ne	eeded		c.D	EP emis	ssions unit # - SSEIS point #		
3.Emission unit installati 1/1/1983 a.Installation Date - esti				Comp		if the u	- estimate if unknown (mm/dd/yyyy) nit was shut down permannently or report .		
4.Emission unit replacen	nent:								
a. Is this unit replacing No C Yes b.DEP's Emission Unit			ame						
						₹			
5.Unit Descriptions:									
a.Description	b.Roof Type	© Floating Roof	○ Into Roof		© Fixed	C Other	Specify other		
10.5	7			2400					
c.Height / Length - Feet d. Diameter- feet				e.Capacity - gallons					
6.Construction:									

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

24 DEP EU# (old Point#)

2020 Year of Record

1190564 Facility AQ identifier

7. Material Stored (at start of year):	
PROCESS UNIT	
a.Name of material	
	50300899
b.CAS number if single chemical	c.SC Code for standing / breathing loss
WASTE DISPOSAL - SOLID WASTE DISPOSA DISPOSAL/TSDF - GENERAL: FUGITIVE EMI	
d.SCC Code Description - filled by DEP upon validation	ation
0.03	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
0	1
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
a.Name of material	
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
d.SCC Code Description - filled by DEP upon validation	ation
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i Total avvgan parcent, gaseline only	i Ovvganata nama gasalina anku
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record
24 DEP EU# (old Point#)
1190564 Facility AQ identifier

B.Notes and attachement

1.Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

ANK NOT USED IN 2020	

2. Attachments:

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



Massachusetts Department of Environmental Protection

Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record

23 DEP EU# (old Point#)

1190564 Facility AQ identifier

Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

A.Equipment Des	_	inic material sto	orage tank.			
1. Facility identifiers :	-					
CLEAN HARBORS	OF BRAIN	TREE INC				
a.Facility Name						
34839			11	90564		
b.DEP Account Number				acility AQ	identific	er - SSEIS ID number
2.Emission unit identific	ers:					
AG TANK A22 (2,4	00 GAL)					
a.Facility's choice of e	emission unit	name - edit as r	needed			
23				2.	3	
b.Facility's emission u	ınit number /	code - edit as n	eeded	c.I	DEP emi	ssions unit # - SSEIS point #
d.Combined units - en	ter number of	individual unit	S			
3.Emission unit installa	tion and deco	mmission dates	:			
1/1/1983						
a.Installation Date - es	timate if unkn	own (mm/dd/y	yyy) b.D	ecommiss	ion Date	e - estimate if unknown (mm/dd/yyyy)
		`				
				nplete onli laced since	-	nit was shut down permannently or report.
4.Emission unit replace	ement ·					
a. Is this unit replacin		ssion unit?				
© No C Yes	0					
b.DEP's Emission Ur	nit Number and	d facility unit na	ame			
					₩	
5.Unit Descriptions:						
a.Description	b.Roof	Floating	Internal	•	O	
	Type	Roof	Roof	Fixed	Other	Specify other
10.5	7		240	0		
c.Height / Length - I	Feet d. Di	ameter- feet	,	pacity - ga	llons	
6.Construction:						

The state of the s

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 23 DEP EU# (old Point#)

1190564 Facility AQ identifier

7. Material Stored (at start of year):	
PROCESS UNIT	
a.Name of material	
	50300899
b.CAS number if single chemical	c.SC Code for standing / breathing loss
WASTE DISPOSAL - SOLID WASTE DISPOSAL DISPOSAL/TSDF - GENERAL: FUGITIVE EMI	SSIONS
d.SCC Code Description - filled by DEP upon validation	ation
	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
0	1
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only
3. New Material Stored (enter new material if content a.Name of material	ts changed during year of record):
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
d.SCC Code Description - filled by DEP upon valida	ation
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
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



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record
23 DEP EU# (old Point#)
1190564

Facility AQ identifier

B.Notes and attachement

1. Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

ANK WAS NOT USED IN YEAR 2020.	

2. Attachments:

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



Massachusetts Department of Environmental Protection

Bureau of Air and Waste - Air Quality BWP AQ ÅP-4

Emission Unit - Organic Material Storage

2020 Year of Record

DEP EU# (old Point#)

1190564 Facility AQ identifier

Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

A.Equipment Desc	\mathcal{L}	inic material sto	orage ta	nk.			
1. Facility identifiers:	•						
CLEAN HARBORS (OF BRAINT	TREE INC					
a.Facility Name							
34839				1190	564		
b.DEP Account Number	er			c.Fac	ility AQ	identifie	r - SSEIS ID number
2.Emission unit identifier	s:						
AG TANK A17B - 75	0 GAL						
a.Facility's choice of en	nission unit 1	name - edit as n	eeded				
18					18	3	
b.Facility's emission un	it number / o	code - edit as ne	eeded		c.I	DEP emi	ssions unit # - SSEIS point #
d.Combined units - ente	r number of	individual units	S				
3.Emission unit installati	on and decor	mmission dates	:				
1/1/1983							
a.Installation Date - esti	mate if unkn	own (mm/dd/y	ууу)	b.Dec	commiss	ion Date	- estimate if unknown (mm/dd/yyyy)
				•	•	y if the une the the	nit was shut down permannently or report.
4.Emission unit replacen	nent :						
a. Is this unit replacing		ssion unit?					
⊙ No ⊜ Yes							
b.DEP's Emission Unit	Number and	d facility unit na	ame				
						₩	
5.Unit Descriptions:							
a.Description	b.Roof	Floating	○ Int	ernal	\odot	0	
	Type	Roof	Roof	•	Fixed	Other	Specify other
6.5	4.83			700			
c.Height / Length - Feet d. Diameter- feet				e.Capacity - gallons			
6.Construction:							

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record

18 DEP EU# (old Point#)

1190564 Facility AQ identifier

7. Material Stored (at start of year):						
CARBON BLACK						
a.Name of material						
	10100300					
b.CAS number if single chemical	c.SC Code for standing / breathing loss					
EXTERNAL COMBUSTION BOILERS - ELECT BOILER, WET BOTTOM	TRIC GENERATION - PULVERIZED LIGNITE -					
d.SCC Code Description - filled by DEP upon validation	ation					
	52					
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit					
0						
g. Annual Throughput in gallons (enter 0 if not used)	h.RVP - gasoline only					
i Total annuau namant accaling only	i Orango and a constitue out.					
i. Total oxygen percent - gasoline only	j.Oxygenate name - gasoline only					
8. New Material Stored (enter new material if conten	ts changed during year of record):					
a.Name of material						
b.CAS number if single chemical	c.SCC Code for standing / breathing loss					
d.SCC Code Description - filled by DEP upon validation	ation					
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit					
	1					
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					



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record
18 DEP EU# (old Point#)
1190564 Facility AQ identifier

B.Notes and attachement

1. Notes: please include in the space below any additional information that will help DEP understand your submission (5000 character max).

THIS TANK WAS NOT USED IN CALENDAR YEAR 2020

2. Attachments:

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



Massachusetts Department of Environmental Protection

Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020	
Year of Record	

14 DEP EU# (old Point#)

1190564 Facility AQ identifier

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

1. Facility identifiers :	
CLEAN HARBORS OF BRAINTREE INC	
a.Facility Name	
34839	1190564
b.DEP Account Number	c.Facility AQ identifier - SSEIS ID number
2. Emission unit identifiers:	
AG TANK A9- 10,000 GAL	
a. Facility's choice of emission unit name - edit as needed	
14	14
b.Facility's emission unit number / code - edit as needed	c.DEP emissions unit # - SSEIS point #
d.Combined units - enter number of individual units	
3. Emission unit installation and decommission dates:	
3/1/2011	
a.Installation Date - estimate if unknown (mm/dd/yyyy)	b.Decommission Date - estimate if unknown (mm/dd/yyyy)
	Complete only if the unit was shut down permannently or replaced since the last report .

4.Emission unit replacement:

- a. Is this unit replacing another emission unit?
- © No © Yes
- b.DEP's Emission Unit Number and facility unit name

	lacksquare

d. Diameter- feet

5.Unit Descriptions:

a.Description	b.Roof Type	C Floating Roof	C Internal Roof	Fixed	Other	Specify other
11.5	11.2		10000			

e.Capacity - gallons

c.Height / Length - Feet

6. Construction:

○ Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

The state of the s

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 14 DEP EU# (old Point#)

1190564 Facility AQ identifier

7. Material Stored (at start of year):	
PROCESS UNIT	
a.Name of material	
	50300899
b.CAS number if single chemical	c.SC Code for standing / breathing loss
WASTE DISPOSAL - SOLID WASTE DISPOSAL DISPOSAL/TSDF - GENERAL: FUGITIVE EMI	
d.SCC Code Description - filled by DEP upon validation	ation
1.04	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
516563	
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
CARBON BLACK a.Name of material	
u.i vaine of material	
	10100300
b.CAS number if single chemical	c.SCC Code for standing / breathing loss
EXTERNAL COMBUSTION BOILERS - ELECT LIGNITE - BOILER, WET BOTTOM	RIC GENERATION - PULVERIZED
d.SCC Code Description - filled by DEP upon validation	ation
1.04	
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
448196	
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



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4 Emission Unit - Organic Material Storage

2020 Year of Record	
14 DEP EU# (old Point#)	
1190564	

Facility AQ identifier

B.Notes and attachement

Notes : please incl bmission (5000 cl	_	e below any ad	lditional inform	ation that will he	elp DEP unders	tand your
A 44 a allama a 24 a 2						

2. Attachments:

 \Box 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.



6. Construction:

Steel Weld ○ Other weld ○ Rivet ○ FiberGlass ○ Gunite

Massachusetts Department of Environmental Protection

Bureau of Air and Waste - Air Quality BWP AQ ÅP-4

Emission Unit - Organic Material Storage

2020 Year of Record 13

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

Complete one AP-4 for A.Equipment Des	_	inic material sto	orage tan	ık.			
1. Facility identifiers :							
CLEAN HARBORS	OF BRAIN	TREE INC					
a.Facility Name							
34839				1190	564		
b.DEP Account Number				c.Faci	lity AQ	identifie	er - SSEIS ID number
2.Emission unit identifie	ers:						
AG TANK A8 - 10,0	00 GAL TA	NK					
a.Facility's choice of e	mission unit	name - edit as r	eeded				
13					13	3	
b.Facility's emission u	nit number /	code - edit as n	eeded		c.I	DEP emi	ssions unit # - SSEIS point #
d.Combined units - ent	ter number of	individual unit	S				
3.Emission unit installar	tion and deco	mmission dates	:				
3/1/2011							
a.Installation Date - est	timate if unkr	own (mm/dd/y	yyy)	b.Dec	ommiss	ion Date	- estimate if unknown (mm/dd/yyyy)
		, , , , , ,	,				, , , ,
						•	nit was shut down permannently or
				теріас	eu silice	e the last	report.
4.Emission unit replace	ment:						
a. Is this unit replacing	g another emi	ssion unit?					
© No © Yes							
b.DEP's Emission Un	it Number an	d facility unit na	ame				
						₹	
5.Unit Descriptions:							
a.Description b.Roo		Roof © Floating © Int		ternal • C			
	Type	Roof	Roof		Fixed	Other	Specify other
18.5	11.2			10000			
c.Height / Length - Feet d. Diameter- feet				e.Capa	city - ga	llons	

The state of the s

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 13 DEP EU# (old Point#)

		1190564 Facility AQ identifier
7. Material Stored (at start of year):		
PROCESS UNIT		
a.Name of material		
	50300899	
b.CAS number if single chemical	c.SC Code for standing / breathing loss	
WASTE DISPOSAL - SOLID WASTE DISPOSA DISPOSAL/TSDF - GENERAL: FUGITIVE EMI		NGE,
d.SCC Code Description - filled by DEP upon validation	ation	
0.39	52	
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Far	enheit
313303		
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 conten	its changed during year of record):	
a.Name of material		
b.CAS number if single chemical	c.SCC Code for standing / breathing loss	
d.SCC Code Description - filled by DEP upon validation	ation	
e.Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Far	renheit
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	



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4

Emission Unit - Organic Material Storage

202 Year	0 of Record
13 DEP	EU# (old Point#)
	0564 ty AQ identifier

B.Notes and attachement

Notes: please include in the space below any additional information that will help DEP understand your bmission (5000 character max).						
Attachments:						

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



Massachusetts Department of Environmental Protection

Bureau of Air and Waste - Air Quality
BWP AQ AP-4

Emission Unit - Organic Material Storage

2020 Year of Record 11 DEP EU# (old Point#)

1190564 Facility AQ identifier

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

A.	Eq	(ui	pme	ent	Des	cri	ption
----	----	-----	-----	-----	-----	-----	-------

1. Facility identifiers:							
CLEAN HARBORS O	F BRAINT	REE INC					
a.Facility Name							
34839				1190	564		
b.DEP Account Number	r			c.Fac	lity AQ	identifie	r - SSEIS ID number
2.Emission unit identifiers	:						
AG TANK A6- 9,500	GAL WA	STE STREAM	M A-31				
a.Facility's choice of em	ission unit n	ame - edit as r	needed				
11					11		
b.Facility's emission uni	t number / c	ode - edit as n	eeded		c.D	EP emi	ssions unit # - SSEIS point #
d.Combined units - enter	number of	individual unit	2				
3.Emission unit installation	n and decor	nmission dates	:				
3/1/2011							
a.Installation Date - estin	nate if unkno	own (mm/dd/y	ууу)	b.Dec	ommissi	on Date	- estimate if unknown (mm/dd/yyyy)
				-	olete only ced since		nit was shut down permannently or report.
4.Emission unit replaceme	ent:						
a. Is this unit replacing a	nother emis	ssion unit?					
○ No ○ Yes							
b.DEP's Emission Unit	Number and	I facility unit na	ame				
						₩	
5.Unit Descriptions:							
a.Description	b.Roof Type	© Floating Roof	C In Roof	ternal	© Fixed	C Other	Specify other
17.25	12			9500			
c.Height / Length - Fee	t d. Dia	meter- feet		e.Capa	city - gal	lons	
6.Construction:							
○ Steel Weld ○ Other w	eld C Rive	t C FiberGlass	Gun	ite			

Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4 Emission Unit - Organic Material Storage

2020 Year of Record

DEP EU# (old Point#)

1190564 Facility AQ identifier

PROCESS UNIT	
a.Name of material	
	50300899
b.CAS number if single chemical	c.SC Code for standing / breathing loss
WASTE DISPOSAL - SOLID WASTE DISPOSA DISPOSAL/TSDF - GENERAL: FUGITIVE EMI	
d.SCC Code Description - filled by DEP upon validation	ation
0.03	52
e.Vapor Pressure in PSI at 25 ° C	f.Temperature - typical storage temp. in Farenheit
285711	
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
PROCESS UNIT a.Name of material	
	5020000
b.CAS number if single chemical	50300899 c.SCC Code for standing / breathing loss
WASTE DISPOSAL - SOLID WASTE DISPOSA	I INDUSTRIAL - TREATMENT
STORAGE, DISPOSAL/TSDF - GENERAL: FUG	
d.SCC Code Description - filled by DEP upon validation	ation
	ation 52
0.03	
d.SCC Code Description - filled by DEP upon valida 0.03 e. Vapor Pressure in PSI at 25° C	52
0.03 e. Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit
0.03 e. Vapor Pressure in PSI at 25° C	f.Temperature - typical storage temp. in Farenheit



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-4 Emission Unit - Organic Material Storage

2020 Year o	Reco	rd		
11 DEP E	J# (ol	d Poi	nt#)	
1190	564			

Facility AQ identifier

B.Notes and attachement

	bmission (5000 character max).					
2. Attachments:						

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



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-STACK

Physical Vertical Stacks

2020	
Year of Record	
1	
DEP Stack #	
1190564	
Facility AO identifier	

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

A. Stack Description:

	RS OF BRAINTREE INC	
a. Facility Name	to of Bid in vite E in c	
34839	11	90564
b. DEP Account nu	mber c.	AQ identifier
2. Stack identifiers:		
STACK #1- INCI	NERATOR #1-VENT-O-MATIC	
a. Facility's choice	of stack name - edit as needed	
1	1	
1		DEP stack #
verile	ar to restour tysus sums oup, block o	mbined stacks-enter number of dual stacks:
	individ	dual stacks:
I. Dimensions:	individing individual	lual stacks: 1.2 1.0 1.1 1.2 1.2 1.3 1.4 1.5 1.5 1.6 1.7 1.7 1.8 1.8 1.9
I. Dimensions:	individ	dual stacks: 1.2 1.0 1.1 1.2 1.2 1.3 1.4 1.5 1.5 1.6 1.7 1.8 1.9
4. Dimensions: 5. Gas Exit Velocity:	individing individing the individing individing the individing the individing the individing the individual in	lual stacks: 1.2 00) Internal Diameter in feet (0.01 - 300) 21
4. Dimensions: 5. Gas Exit Velocity:	individing individing the second (1 - 13) individing the secon	1.2
4. Dimensions: 5. Gas Exit Velocity: 6. Exit Temperature: 7. Stack Liner Material:	individual	1.2



2020	
Year of	Record
1	
DEP St	ack#
119056	4
Facility	AQ identifier

B. Emission Units Associated with Stack

a changes you na	we made on-line,	but not yet sub	omitted.	



2020	
Year of Record	
1	
DEP Stack #	
1190564	

Facility AQ identifier

C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).

INCINERATOR #1-VENT-O-MATIC WAS NOT OPERATED IN 2020.
ON APRIL 3,1998 CHBI DISCONNECTED THE FUEL SUPPLY AND ELECTRICITY LINES THAT
SUPPLIED THE INCINERATOR, AND WELDED THE INCINERATOR CHARGIND DOOR SHUT.

2. Attachments:

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.



2020 Year of Record 10 DEP Stack #

1190564

Facility AQ identifier

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

A. Stack Description:

1. Faciltity identifiers:		
CLEAN HARBOI	RS OF BRAINTREE INC	
a. Facility Name		
34839	119	90564
b. DEP Account nu	mber c. A	Q identifier
2. Stack identifiers:		
CUT OFF ROOM		
a. Facility's choice	of stack name - edit as needed	
10	10	
,	umber - edit as needed c. I	DEP stack #
4. Dimensions:	individu 18 Height in feet above the ground (1 - 130	al stacks: 1 0) Internal Diameter in feet (0.01 - 300)
5. Gas Exit Velocity:	15	15
J. Gus Exit Velocity.	Low end - feet per second (0.06 - 1000	
6. Exit Temperature:	70	70
	Low end - Fahrenheit (50 - 4000)	High end - Fahrenheit (50 - 4000)
7. Stack Liner Material:		ER Describe Other
8. Decommission Da		Complete only if the stack was permanently removed



2020
Year of Record
10
DEP Stack #
1190564

Facility AQ identifier

B. Emission Units Associated with Stack

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 be also also also also also also also also
reflect changes you have made on-line, but not yet submitted.



2020	
Year of Record	
10	
DEP Stack #	
1190564	

Facility AQ identifier

C. Notes and Attachments

1. N	Notes: please include any additional	information that will h	elp DEP under	rstand your submis	sion(5000 character
max	·).				

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.



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-STACK

2020 Year of Record 2

DEP Stack #

1190564 Facility AQ identifier

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

A. Stack Description:

CLLINITHOO	RS OF BRAINTREE INC	
a. Facility Name	to of Bid in virial inve	
34839	1190	0564
b. DEP Account nu	mber c. AC) identifier
2. Stack identifiers:		
STACK #2- COLU	JMBIA BOILER, NO. 2 FUEL OIL	
	of stack name - edit as needed	
2	2	
		EP stack #
	or the state of th	ined stacks-enter number of
1. Dimensions:	individua individua	l stacks:
4. Dimensions: 5. Gas Exit Velocity:	individua 35 Height in feet above the ground (1 - 1300	l stacks: 1
	individua individua	l stacks:
4. Dimensions: 5. Gas Exit Velocity: 6. Exit Temperature:	individua 35 Height in feet above the ground (1 - 1300 50	l stacks: 1
5. Gas Exit Velocity:	individua 35 Height in feet above the ground (1 - 1300 50 Low end - feet per second (0.06 - 1000)	l stacks: 1
5. Gas Exit Velocity:	individua 35 Height in feet above the ground (1 - 1300) 50 Low end - feet per second (0.06 - 1000) 212	Stacks:



2020
Year of Record
2
DEP Stack #
1190564
Facility AO identifier

B. Emission Units Associated with Stack

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

e	flect changes you have made on-line, but not yet submitted.
	EU#2-COLUMBIA, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S
Į	
Į	
Į	
Į	
Į	
Į	
Į	
ĺ	
ĺ	
ĺ	
ĺ	



2020
Year of Record
2
DEP Stack #
1190564
Facility AQ identifier

C. Notes and Attachments

ax).			
HE HURST BOILER WAS REPLACED BY THE COL	UMBIA BOILER	IN 2018.	

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character

2. Attachments:

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



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-STACK

Physical Vertical Stacks

2020	
Year of Record	
3	
DEP Stack #	
1190564	
Facility AO identifi	er

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

A. Stack Description:

	RS OF BRAINTREE INC	
a. Facility Name	ad of Bidin (TREE Inc	
34839	1190:	564
		identifier
2. Stack identifiers:		
1 STACK - BOIL	ER #1-CLEAVER BROOKS, NO 2 FUEL	OIL
a. Facility's choice	of stack name - edit as needed	
3	3	
		P stack #
. Type: a. revertica	The contract with the company of the contract	ned stacks-enter number of stacks:
	individual 35	stacks:
I. Dimensions:	individual 35 Height in feet above the ground (1 - 1300)	stacks: 1
. Dimensions:	individual 35	stacks:
J. Dimensions: 5. Gas Exit Velocity:	individual 35 Height in feet above the ground (1 - 1300) 47	stacks: 1
3. Type: a. vertica 4. Dimensions: 5. Gas Exit Velocity: 6. Exit Temperature:	individual 35 Height in feet above the ground (1 - 1300) 47 Low end - feet per second (0.06 - 1000)	stacks: 1 Internal Diameter in feet (0.01 - 300) 47 High end - feet per second (0.06 - 1000)
J. Dimensions: 5. Gas Exit Velocity:	individual 35 Height in feet above the ground (1 - 1300) 47 Low end - feet per second (0.06 - 1000) 450	stacks: 1 Internal Diameter in feet (0.01 - 300) 47 High end - feet per second (0.06 - 1000) 450 High end - Fahrenheit (50 - 4000)



2020
Year of Record
3
DEP Stack #
1190564

Facility AQ identifier

B. Emission Units Associated with Stack

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.

effect changes you have made on-line, but not yet submitted.
EU#3-CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)



2020 Year of Record 3 DEP Stack #

1190564 Facility AQ identifier

C. Notes and Attachments

1. **Notes:** please include any additional information that will help DEP understand your submission(5000 character max).

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

2. Attachments:

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



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-STACK

2020			
Year of l	Record		
5			
DEP Sta	ck#		
1190564			
Facility .	AQ ide	entifier	

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

A. Stack Description:

	RS OF BRAINTREE INC	
a. Facility Name		1100564
		1190564
b. DEP Account number c. AQ		e. AQ identifier
. Stack identifiers:		
2 DRUM CRUSH	ING LINES	
a. Facility's choice	of stack name - edit as needed	
5		5
·	al © vertical with rain cap/sleeve b. Co	c. DEP stack # combined stacks-enter number of ridual stacks:
Type: a. • vertica	al © vertical with rain cap/sleeve b. Co	ombined stacks-enter number of vidual stacks:
Type: a. • vertica	al 🤊 vertical with rain cap/sleeve b. Co	ombined stacks-enter number of vidual stacks:
Type: a. • vertical Dimensions:	al © vertical with rain cap/sleeve b. Co indiv	ombined stacks-enter number of vidual stacks:
Type: a. • vertical Dimensions:	al © vertical with rain cap/sleeve b. Co individual individual by the best between the ground (1 - 1) by the best between the ground (1 - 1) by the best between the ground (1 - 1) by the best by the ground (1 - 1) by the best by the ground (1 - 1) by the best by the bes	ombined stacks-enter number of vidual stacks: 1.3 300) Internal Diameter in feet (0.01 - 300) 54
Type: a. • vertica. Dimensions: Gas Exit Velocity:	b. Co individual of vertical with rain cap/sleeve b. Co individual of the second of th	ombined stacks-enter number of vidual stacks: 1.3 300) Internal Diameter in feet (0.01 - 300) 54
Type: a. revertical. Dimensions: Gas Exit Velocity:	54 Height in feet above the ground (1 - 1) 54 Low end - feet per second (0.06 - 10)	ombined stacks-enter number of vidual stacks: 1.3 300) Internal Diameter in feet (0.01 - 300) 54 High end - feet per second (0.06 - 1000)
·	b. Co individual of vertical with rain cap/sleeve b. Co individual of the second (1 - 1) b. Co i	ombined stacks-enter number of vidual stacks: 1.3 300) Internal Diameter in feet (0.01 - 300) 54 High end - feet per second (0.06 - 1000) 60 High end - Fahrenheit (50 - 4000)



2020
Year of Record
5
DEP Stack #
1190564
Facility AQ identifier

B. Emission Units Associated with Stack

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.

enter than got you have made on this, out not yet such acted.	
EU#5-2 DRUM CRUSHING LINES	



2020	
Year of Record	
5	
DEP Stack #	
1190564	Ī
Facility AQ identifier	

C. Notes and Attachments

х).	
DRUMS CRUSHED IN 2019	

1. Notes: please include any additional information that will help DEP understand your submission(5000 character

2. Attachments:

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



Massachusetts Department of Environmental Protection Bureau of Air and Waste - Air Quality BWP AQ AP-STACK

Physical Vertical Stacks

2020	
Year of Record	
7	
DEP Stack #	
1190564	
Facility AQ iden	tifier

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

A. Stack Description:

	RS OF BRAINTREE INC	
a. Facility Name 34839	110	0564
b. DEP Account nu		Q identifier
o. DEI 11000ani na	0.11	Q Advision
2. Stack identifiers:		
1 STACK GENER	RATOR (2)- CUMMINS AND CATERPI	ILLAR
a. Facility's choice	of stack name - edit as needed	
7	7	
b. Facility's stack n	umber - edit as needed c. D	EP stack #
	individu	pined stacks-enter number of
1. Dimensions:	Height in feet above the ground (1 - 1300	al stacks: 0.8
	Height in feet above the ground (1 - 1300	0.8 Internal Diameter in feet (0.01 - 300)
	12	0.8 Internal Diameter in feet (0.01 - 300) 32
4. Dimensions:5. Gas Exit Velocity:6. Exit Temperature:	Height in feet above the ground (1 - 1300) 32 Low end - feet per second (0.06 - 1000)	0.8 Internal Diameter in feet (0.01 - 300) 32 High end - feet per second (0.06 - 1000)
	Height in feet above the ground (1 - 1300)	0.8 Internal Diameter in feet (0.01 - 300) 32
5. Gas Exit Velocity:	Height in feet above the ground (1 - 1300) 32 Low end - feet per second (0.06 - 1000) 1150	0.8



2020	
Year of Record	
7	
DEP Stack #	
1190564	
Facility AQ identifier	

B. Emission Units Associated with Stack

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.

(effect changes you have made on-line, but not yet submitted.
	EU#50-CUMMINS GENERATOR #2 (NT855G2, DIESEL)
	EU#55-CATERPILLAR GENERATOR #1



2020	
Year of Record	
7	
DEP Stack #	
1190564	
Facility AQ identifier	

C. Notes and Attachments

nax).							
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to subm your Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Check here to submyour Current Subm	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot
Attachments: Check here to submyour Current Submsent electronically,	ittals Page where	e you will attac	ch electronic fil	es to your sub	nittal. For att	tachments tha	t cannot