

eDEP Transaction Copy

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Username: MICHAELC68

Transaction ID: 1050437

Document: AQ Source Registration Package (SR)

Size of File: 4593.65K

Status of Transaction: Submitted

Date and Time Created: 3/29/2023:2:54:32 PM

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YEAR OF RECORD

1190564

FACILTY AQ Identifier

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

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

Existing Facility:Ch	eck to create a complete package for reporting Check if you added emission units or stacks since your
year 2016	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)
Gas(SR/GHG)	Q Source Registration Package (SR) or SR and Greenhouse Package. need to correct or add to a previously submitted SR or SR/GHG Package 2016, check at below to select the forms/units you wish to work on.
Gas(SR/GHG)	Package. need to correct or add to a previously submitted SR or SR/GHG Package 2016 ,check
Gas(SR/GHG) 1. Check if you the boxes in the lie 2. Facility Name:	Package. need to correct or add to a previously submitted SR or SR/GHG Package 2016, check st below to select the forms/units you wish to work on.
Gas(SR/GHG) 1. Check if you the boxes in the lie 2. Facility Name: Our records indicate	need to correct or add to a previously submitted SR or SR/GHG Package 2016, check at below to select the forms/units you wish to work on. CLEAN HARBORS OF BRAINTREE INC

	Emission unit name	DEP#	EU Category	Last Update
V	HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S	2	FUEL BURNING DEVICE	2015
	CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0.3S)	3	FUEL BURNING DEVICE	2015
	CUMMINS GENERATOR #2 (NT855G2, DIESEL)	50	FUEL BURNING DEVICE	2015
V	CATERPILLAR GENERATOR #1	55	FUEL BURNING DEVICE	2015
V	2 LENNOX FURNACES SR 20Q5-140/154	64	FUEL BURNING DEVICE	2012
	INDUSTRIAL OIL FURNACE LG14-225	67	FUEL BURNING DEVICE	2015
V	2 DRUM CRUSHING LINES	5	PROCESS	2015
	AG TANK A3-9,800 GAL	8	TANK	2011
	AG TANK A6- 9,500 GAL WASTE STREAM A-31	11	TANK	2015
	AG TANK A7 - 9,500 GAL.	12	TANK	2015
	AG TANK A8 - 10,000 GAL TANK	13	TANK	2015
V	AG TANK A9- 10,000 GAL	14	TANK	2015
	AG TANK A17B - 750 GAL	18	TANK	2011
	AG TANK A22 (2,400 GAL)	23	TANK	2015
V	AG TANK A23 (2,400 GAL)	24	TANK	2015
V	AG TANK A24 (2,400 GAL)	25	TANK	2015

Bureau of Air and Waste

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

2016

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	AG TANK A25 (1,000 GAL)	26	TANK	2014
V	AG TANK A13 (4,000 GAL), DIESEL LOW SULF	51	TANK	2015
V	AG TANK A12 (6,300 GAL), NO. 2 FUEL OIL	52	TANK	2015
V	AG TANK B1- POLYOLEFIN WASTEWATER NO VOCS	53	TANK	2015
	AG TANK B2- POLYOLEFIN TANK WASTEWATER NO VOCS	54	TANK	2015
V	AG TANK B4- POLYOLEFIN H WASTEWATER NO VOCS	57	TANK	2015
V	AG TANK B7- POLYOLEFIN TANKS WASTEWATER NO VOCS	60	TANK	2015
V	STACK #1- INCINERATOR #1-VENT-O-MATIC	1	STACK	2015
V	STACK #2- HURST BOILER, NO. 2 FUEL OIL	2	STACK	2015
V	1 STACK - BOILER #1-CLEAVER BROOKS, NO 2 FUEL OIL	3	STACK	2015
V	2 DRUM CRUSHING LINES	5	STACK	2015
V	1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR	7	STACK	2015
	1 STACK-2 FURNACES - LENNOX	9	STACK	2015
V	CUT OFF ROOM	10	STACK	2015



Facility Information

2016		
Year o	of Record	
119056	34	

A.	Facility	Inform	ation:
,	. aoiiity		atioii.

CLEAN HARBORS OF BRAINTREE INC			
a. Facility Name			
1 HILL AVE			
b. Facility Street Address Line 1			
c. Facility Street Address Line 2			
BRAINTREE	MA		021840000
d. City/Town	e. State		f. ZIP Code
7813807100		7813807193	
g. Facility Phone Number		h. Facility Fax Num	nber
. Mailing address: (check all that apply)	same address a	as facility address	
	a camo adaroso e	ao idomity dddioso	
1 HILL AVE			
I I HILL AVE			
a Facility Mailing Address / PO Box Line 1			
a. Facility Mailing Address / PO Box Line 1			
b. Facility Mailing Address / PO Box Line 2	MA		021840000
b. Facility Mailing Address / PO Box Line 2 BRAINTREE	MA d. State		021840000 e. ZIP Code
c. City/Town	,		
b. Facility Mailing Address / PO Box Line 2 BRAINTREE	d. State		
b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town . Facility type - check one: C Utility Private C Triba	d. State	Ĉ State	e. ZIP Code
b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town . Facility type - check one: C Utility Private C Triba	d. State		e. ZIP Code
b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town Facility type - check one: C Utility Private Triba ORIS Facility Code - for large electrical utility	d. State	C State ORIS Facility Cod	e. ZIP Code
b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town . Facility type - check one: C Utility Private C Triba . ORIS Facility Code - for large electrical utili	d. State C Federal ties only:	ORIS Facility Cod	e. ZIP Code
b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town . Facility type - check one: C Utility Private C Triba . ORIS Facility Code - for large electrical utili . ID Numbers:	d. State C Federal ties only:	ORIS Facility Cod	e. ZIP Code C Local Government
b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town Facility type - check one: C Utility Private Triba ORIS Facility Code - for large electrical utili ID Numbers: 34839 a. DEP Account Number / FMF Facility #	d. State C Federal ties only:	ORIS Facility Cod	e. ZIP Code
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b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town . Facility type - check one: C Utility Private Triba . ORIS Facility Code - for large electrical utili . ID Numbers: 34839 a. DEP Account Number / FMF Facility # . Location :	d. State C Federal ties only:	ORIS Facility Cod 1190564 Facility AQ Identifie	e. ZIP Code C Local Government
b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town . Facility type - check one: C Utility Private Triba . ORIS Facility Code - for large electrical utili . ID Numbers: 34839 a. DEP Account Number / FMF Facility # . Location: 42.235971	d. State C Federal ties only:	ORIS Facility Cod 1190564 Facility AQ Identifie 70.972946 Longitude - West	e. ZIP Code C Local Government e
b. Facility Mailing Address / PO Box Line 2 BRAINTREE c. City/Town . Facility type - check one: C Utility Private Triba ORIS Facility Code - for large electrical utili . ID Numbers: 34839 a. DEP Account Number / FMF Facility # . Location: 42.235971 a. Latitude 42.9 - 41.2	d. State C Federal ties only:	ORIS Facility Cod 1190564 Facility AQ Identifie 70.972946 Longitude - West	e. ZIP Code C Local Government e

Facility Information

2016

Year of Record

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. Facility description (What is being produced and how it	is being produced a	t this facility - update as nee	aea):
CLEAN HARBORS OF BRAINTREE INC. IS A HAZARDOUS WASTE	TSDF.		
NO PRODUCTION AT THIS FACILITY.			
). Facility's normal hours of operation:			
12:00 AM 12:00 AM	▼	c. Continuous - 24 X 7 X 5	52
a. Start Time b. End Time			
d. Which days is the facility open?	Пм Пт	DW DT	FΓS
ar man says to are tasking open.		, , ,	
0. Number of Employees: 16			
11 Facility Owner:			1
1. Facility Owner: same address as facility	y mailing address (will	copy address into fields below)
Please contact your MassDEP Regional Office if the own	nership of this facility	has changed.	
OLEAN HADDODO OF BRAINTREE INO			
CLEAN HARBORS OF BRAINTREE INC			
a. Owner or Corporation Name			
1 HILL AVE			
b. Mailing Address Line 1 (for owner or corporation)			
ATTN: GENERAL MANAGER			
c. Mailing Address Line 2			
BRAINTREE	MA	021840000	
d. City/Town	e. State	f. Zip Code	
a. ony rown		1. Zip 0000	
US ▼	042507498		
	h. Owner TIN		
g. Country			
g. Country 7813807100	7134	7813807193	

Facility Information

2016

Year of Record

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12. Facility contact information:	□ sa	ame address as facility address	
	□ sa	ame address as facility mailing address	
ANDREW		FONTAINE	
a. Facility Contact First Name		Contact Last Name	
1 HILL AVE			
b. Mailing Address Line 1			
c. Mailing Address Line 2			
BRAINTREE		MA	021840000
d. City/Town		e. State	f. Zip Code
US	•	fontaine.andrew@cleanharbors.com	1
g. Country		h. E-mail Address	
7803807100			7813807193
i. Phone Number		j. Extension	k. Fax Number
3. Air emissions information contact:		same name and address as facility co	ntact name and address
		same address as facility address	
JAMES R.		LAUBSTED	
a. Air emissions contact First Name		Air emissions contact	t Last Name
26137 SOUTH RIDGELAND AVENUE			
b. Mailing Address Line 1			
c. Mailing Address Line 2			
MONEE		IL	604490000
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		j. Extension	k. Fax Number

Facility Information

2016

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. GHG emissions information contact:	same na	me and address as facility c	contact name and address
	same ad	dress as facility address	
a. GHG emissions contact First Name		GHG emissions con	ntact Last Name
b. Mailing Address Line 1			
c. Mailing Address Line 2			
d. City/Town		e. State	f. Zip Code
US 🔻	1		
g. Country	h. E-mail A	ddress	
B. Preparer	s submittal:		k. Fax Number d address as air emissions contact name and addre
i. Phone Number 3. Preparer Contact information for the preparer of this	s submittal:	same name and	
B. Preparer Contact information for the preparer of this	s submittal:	same name and	d address as air emissions contact name and addre
B. Preparer	s submittal:	same name and	d address as air emissions contact name and addred address as facility contact name and address as facility address
B. Preparer Contact information for the preparer of this		same name and same name and same address a	d address as air emissions contact name and addred address as facility contact name and address as facility address
B. Preparer Contact information for the preparer of this DAVID S. a. Preparer First Name		same name and same name and same address a	d address as air emissions contact name and addred address as facility contact name and address as facility address
B. Preparer Contact information for the preparer of this DAVID S. a. Preparer First Name CLEAN HARBORS ENVIRONMENTAL SER		same name and same name and same address a	d address as air emissions contact name and addred address as facility contact name and address as facility address
B. Preparer Contact information for the preparer of this DAVID S. a. Preparer First Name CLEAN HARBORS ENVIRONMENTAL SER b. Mailing Address Line 1		same name and same name and same address a	d address as air emissions contact name and addred address as facility contact name and address as facility address
B. Preparer Contact information for the preparer of this DAVID S. a. Preparer First Name CLEAN HARBORS ENVIRONMENTAL SER b. Mailing Address Line 1 42 LONGWATER DRIVE c. Mailing Address Line 2		same name and same name and same address a	d address as air emissions contact name and addred address as facility contact name and address as facility address
B. Preparer Contact information for the preparer of this DAVID S. a. Preparer First Name CLEAN HARBORS ENVIRONMENTAL SER b. Mailing Address Line 1 42 LONGWATER DRIVE		same name and same name and same name and same address a MEDINA Preparer Last Nam	d address as air emissions contact name and address as facility contact name and address as facility address
B. Preparer Contact information for the preparer of this DAVID S. a. Preparer First Name CLEAN HARBORS ENVIRONMENTAL SER b. Mailing Address Line 1 42 LONGWATER DRIVE c. Mailing Address Line 2 NORWELL d. City/Town		Same name and same name and same name and same address a MEDINA Preparer Last Nam MA e. State	d address as air emissions contact name and address as facility contact name and address as facility address ne 020610000 f. Zip Code
DAVID S. a. Preparer First Name CLEAN HARBORS ENVIRONMENTAL SER b. Mailing Address Line 1 42 LONGWATER DRIVE c. Mailing Address Line 2 NORWELL		same name and same name and same name and same address a MEDINA Preparer Last Nam MA e. State	d address as air emissions contact name and address as facility contact name and address as facility address ne 020610000 f. Zip Code
B. Preparer Contact information for the preparer of this DAVID S. a. Preparer First Name CLEAN HARBORS ENVIRONMENTAL SER b. Mailing Address Line 1 42 LONGWATER DRIVE c. Mailing Address Line 2 NORWELL d. City/Town		Same name and same name and same name and same address a MEDINA Preparer Last Nam MA e. State medinad@cleanha	d address as air emissions contact name and address as facility contact name and address as facility address ne 020610000 f. Zip Code

Facility Information

2016

Year of Record

1190564

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U.	N	otes

D. Certification		
certify that I have personally examined the foregoing and	Responsible official - complete all fields below.	
certify that I have personally examined the foregoing and m familiar with the information contained in this report all attachments and that, based on my inquiry of those	Responsible official - complete all fields below. MICHAEL	
certify that I have personally examined the foregoing and m familiar with the information contained in this report nd all attachments and that, based on my inquiry of those ndividuals immediately responsible for obtaining the		
certify that I have personally examined the foregoing and m familiar with the information contained in this report nd all attachments and that, based on my inquiry of those adividuals immediately responsible for obtaining the information; I believe that the information is true, accurate,	MICHAEL	
I certify that I have personally examined the foregoing and im familiar with the information contained in this report and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information; I believe that the information is true, accurate, and complete. I am aware that there are signification	MICHAEL	
certify that I have personally examined the foregoing and m familiar with the information contained in this report and all attachments and that, based on my inquiry of those adividuals immediately responsible for obtaining the aformation; I believe that the information is true, accurate, and complete. I am aware that there are signification enalties for submitting false information, including	MICHAEL a. First Name	
certify that I have personally examined the foregoing and m familiar with the information contained in this report all attachments and that, based on my inquiry of those adviduals immediately responsible for obtaining the aformation; I believe that the information is true, accurate, and complete. I am aware that there are signification enalties for submitting false information, including	MICHAEL a. First Name COMEAU	
I certify that I have personally examined the foregoing and im familiar with the information contained in this report and all attachments and that, based on my inquiry of those adviduals immediately responsible for obtaining the information; I believe that the information is true, accurate, and complete. I am aware that there are signification enalties for submitting false information, including cossible fines and imprisonment."	MICHAEL a. First Name COMEAU	
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certify that I have personally examined the foregoing and m familiar with the information contained in this report all attachments and that, based on my inquiry of those advividuals immediately responsible for obtaining the aformation; I believe that the information is true, accurate, and complete. I am aware that there are signification enalties for submitting false information, including ossible fines and imprisonment." The responsible official for the facility must provide the electronic signature. The signature and date are inserted	MICHAEL a. First Name COMEAU b. Last Name COMPLIANCE MANAGER	
certify that I have personally examined the foregoing and m familiar with the information contained in this report all attachments and that, based on my inquiry of those adviduals immediately responsible for obtaining the aformation; I believe that the information is true, accurate, and complete. I am aware that there are signification enalties for submitting false information, including	MICHAEL a. First Name COMEAU b. Last Name COMPLIANCE MANAGER c. Title	
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certify that I have personally examined the foregoing and m familiar with the information contained in this report and all attachments and that, based on my inquiry of those adividuals immediately responsible for obtaining the aformation; I believe that the information is true, accurate, and complete. I am aware that there are signification enalties for submitting false information, including cossible fines and imprisonment." The responsible official for the facility must provide the electronic signature. The signature and date are inserted the elow by eDEP during the signature Step.	MICHAEL a. First Name COMEAU b. Last Name COMPLIANCE MANAGER c. Title 7817925174 d. Phone Number comeau.michaeld@cleanharbors.com	
certify that I have personally examined the foregoing and m familiar with the information contained in this report and all attachments and that, based on my inquiry of those adividuals immediately responsible for obtaining the aformation; I believe that the information is true, accurate, and complete. I am aware that there are signification enalties for submitting false information, including ossible fines and imprisonment." The responsible official for the facility must provide the electronic signature. The signature and date are inserted elow by eDEP during the signature Step. Signed under the pains and penalties of perjury:	MICHAEL a. First Name COMEAU b. Last Name COMPLIANCE MANAGER c. Title 7817925174 d. Phone Number	
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Facility Information

2016

Year of Record

1190564



TES - Transaction #1050437

Print

Exit



Massachusetts Department of Environmental Protection Bureau of Air and Waste

BWP AQ AP - TES

Total Emissions Statement & Hazardous Air Pollutant List

2016

YEAR OF RECORD

1190564

Facility AQ Identifier

A . Annual Total Emissions Statement

1. Facility Identifiers:

CLEAN HARBORS OF BRAINTREE INC

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 previous	.0308	.0193		.4245
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0235	0.0140		0.2568
record:	Tons	Tons	Tons	Tons
Potential emissions	9.4880	9.3526		11.9580
Potential emissions	Tons	Tons	Tons	Tons
Max allowed				
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions-short term:	Tons	Tons	Tons	Tons
Short term Period			_	
Basis DEP Approval				
number or regulation:				

Pollutant:	РВ	voc	NH3	со
Actual for previous		.0155	.019	.1101
year:	Tons	Tons	Tons	Tons
Actual for year of		0.0151	0.0108	0.0963
record:	Tons	Tons	Tons	Tons
Potential emissions		22.8354	0.7683	29.3023
i oteritiai erriissioris	Tons	Tons	Tons	Tons
Max allowed		36.2		
emissions-annual:	Tons	Tons	Tons	Tons
Max allowed		23600		
emissions-short term:	Tons	Tons	Tons	Tons

Bureau of Air and Waste

BWP AQ AP - TES

Total Emissions Statement & Hazardous Air Pollutant List

11 Fac

20

YE

s DEP Approval					
mber or regulation:		MBR-95-RES-047			
Pollutant:	NO2		HOC		
ctual for previous	.3539				
ear:	Tons		Tons		
ctual for year of	0.4566		0		
cord:	Tons		Tons		
otential emissions	136.2320		0		
<u> </u>	Tons		Tons		
ax allowed	17.3				
nissions-annual:	Tons		Tons		
ax allowed	9400				
nissions-short rm:	Tons		Tons		
nort term Period	Month _ 🔻		▼		
asis DEP Approval					
mber or regulation		or product restrictions, eit	ther by plan approval or r	egulation comp	lete the following
ımber or regulatior	MBR-95-RES-047	or product restrictions, eit	ther by plan approval or re	egulation compl	lete the following
Inber or regulation If you have facil a. EXEMPT	MBR-95-RES-047	_			
If you have facil a. EXEMPT DEP appro	MBR-95-RES-047 ity-wide fuel, raw material, c	135411	GALLONS		year 🔻
If you have facil a. EXEMPT DEP appro	ity-wide fuel, raw material, cooking the coval # (most recent)	135411 Amount of Restriction	GALLONS		year 🔻
If you have facil a. EXEMPT DEP appro	MBR-95-RES-047 ity-wide fuel, raw material, coval # (most recent) UEL OIL 0.3 PERCENT SULFUR	135411 Amount of Restriction	GALLONS		year 🔻
If you have facil a. EXEMPT DEP appro	ity-wide fuel, raw material, coval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or production	135411 Amount of Restriction duct restricted	GALLONS Restriction Units		year Per Unit Time
If you have facil a. EXEMPT DEP appro NO. 2 F Descrip b. MBR-86-0	MBR-95-RES-047 ity-wide fuel, raw material, of the country of the	135411 Amount of Restriction duct restricted 376680	GALLONS Restriction Units		year Per Unit Time
If you have facil a. EXEMPT DEP appro NO. 2 F Descrip b. MBR-86-0	ity-wide fuel, raw material, coval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or production	135411 Amount of Restriction duct restricted	GALLONS Restriction Units		year Per Unit Time
a. EXEMPT DEP appro NO. 2 F Descrip b. MBR-86-C DEP appro	MBR-95-RES-047 ity-wide fuel, raw material, of the country of the	135411 Amount of Restriction duct restricted 376680	GALLONS Restriction Units		year Per Unit Time
If you have facil a. EXEMPT DEP appro NO. 2 F Descrip b. MBR-86-C DEP appro NO. 2 F	ity-wide fuel, raw material, coval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or proceedings.	135411 Amount of Restriction duct restricted 376680 Amount of Restriction	GALLONS Restriction Units		year Per Unit Time
If you have facil a. EXEMPT DEP appro NO. 2 F Descrip b. MBR-86-C DEP appro NO. 2 F	MBR-95-RES-047 ity-wide fuel, raw material, of the control of the control of fuel, raw material or production of fuel, raw material or production.	135411 Amount of Restriction duct restricted 376680 Amount of Restriction	GALLONS Restriction Units		year Per Unit Time
In you have facil a. EXEMPT DEP appro NO. 2 F Descrip b. MBR-86-C DEP appro NO. 2 F Descrip	MBR-95-RES-047 ity-wide fuel, raw material, or poval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or produced with the poval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or produced with the pr	135411 Amount of Restriction duct restricted 376680 Amount of Restriction duct restricted	GALLONS Restriction Units GALLONS Restriction Units	<u>▼</u>	year Per Unit Time year Per Unit Time
a. EXEMPT DEP appro NO. 2 F Descrip b. MBR-86-C DEP appro NO. 2 F Descrip c. MBR-89-	ity-wide fuel, raw material, of coval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or production of fuel, raw material or production.	amount of Restriction duct restricted 376680 Amount of Restriction duct restricted	GALLONS Restriction Units GALLONS Restriction Units HOUR	▼ y	year Per Unit Time year Per Unit Time
a. EXEMPT DEP appro NO. 2 F Descrip b. MBR-86-C DEP appro NO. 2 F Descrip c. MBR-89-	MBR-95-RES-047 ity-wide fuel, raw material, or poval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or produced with the poval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or produced with the pr	135411 Amount of Restriction duct restricted 376680 Amount of Restriction duct restricted	GALLONS Restriction Units GALLONS Restriction Units	▼ y	year Per Unit Time year Per Unit Time
If you have facil a. EXEMPT DEP approved NO. 2 F Descrip b. MBR-86-C DEP approved NO. 2 F Descrip c. MBR-89- DEP approved	ity-wide fuel, raw material, of coval # (most recent) UEL OIL 0.3 PERCENT SULFUR tion of fuel, raw material or production of fuel, raw material or production.	135411 Amount of Restriction duct restricted 376680 Amount of Restriction duct restricted	GALLONS Restriction Units GALLONS Restriction Units HOUR	▼ y	year Per Unit Time year Per Unit Time

CO2e emissions by adding the emissions you entered in the forms for each emission unit. The results are displayed in the tables below. You must error check each emission unit's forms before the results below can be complete. If you are submitting an SR

Bureau of Air and Waste

BWP AQ AP - TES

Total Emissions Statement & Hazardous Air Pollutant List

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and GHG Reporting package the table below will show the calculated results. If you are submitting an SR package the table will be blank. If you have GHG emissions to report, makes sure you are submitting an SR and GHG Reporting package, and not an SR package. Pollutant: CO2 CH4 N2O SF6 Refrigerants-CO2e Actual for previous Tons Tons Tons Tons Tons year Actual for 0 0 0 year of Tons

ecord:					
CO2e for					
revious	Tana	Tone	Tono	Tama	Tana
ear	Tons	Tons	Tons	Tons	Tons
O2e for					
ear of	0	0	0	0	
ecord	Tons	Tons	Tons	Tons	Tons
Tons)					
Yes C	e facility have the potential				ollutants (HAPs)?
Yes C	No				
oes the	e facility have a restriction of	on total HAPS?			
Yes C	No				
ro vou	required to report HAP em	issions hare for any other	roscon2 (o.g. a normit oc	andition)	
		issions here for any other	reasons (e.g., a pennit co	maition)	
Yes 🤄	No				
Hazardo	ous Air Pollutants (HAPs)	?			
Hazard	lous Air Pollutant List				
HAP					
iAi					
				_	
ME	ETHYL ALCOHOL			▼ 67561	
a. F	HAP Name			b. CAS # for individual	HAPs
W.	c. Check if this is your sing	gle largest HAP emission			
.074	•			0.0540	
					aard
a. <i>P</i>	Actual for previous year			e. Actual for year of re	cora
12.8	8			18.6	
f. P	Potential Emissions			g Max allowed emiss	sions – annual

5000

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BWP AQ AP - TES

Total Emissions Statement & Hazardous Air Pollutant List

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h. Max allowed emissions – short term	i. Short term period
MBR-95-RES-047	
. Basis DEP Approval number or regulation	
TOLUENE	108883
a. HAP Name	b. CAS # for individual HAPs
c. Check if this is your single largest HAP emission.	
.023	0.0370
d. Actual for previous year	e. Actual for year of record
12.8	18.6
f. Potential Emissions	g. Max allowed emissions – annual
5000	▼
h. Max allowed emissions – short term	i. Short term period
MBR-95-RES-047	
j. Basis DEP Approval number or regulation	
ETHYLENE GLYCOL	107211
a. HAP Name	b. CAS # for individual HAPs
c. Check if this is your single largest HAP emission.	
.024	0.0000
d. Actual for previous year	e. Actual for year of record
12.8	•
LIC VI	18.6
	18.6 g. Max allowed emissions – annual
f. Potential Emissions	g. Max allowed emissions – annual
f. Potential Emissions	g. Max allowed emissions – annual
f. Potential Emissions 5000 h. Max allowed emissions – short term	g. Max allowed emissions – annual
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047	g. Max allowed emissions – annual
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation	g. Max allowed emissions – annual
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation	g. Max allowed emissions – annual
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047	g. Max allowed emissions – annual
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation	g. Max allowed emissions – annual
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation	g. Max allowed emissions – annual i. Short term period
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation	g. Max allowed emissions – annual i. Short term period
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation	g. Max allowed emissions – annual i. Short term period
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation P a. HAP Name	g. Max allowed emissions – annual i. Short term period
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation P a. HAP Name C. Check if this is your single largest HAP emission.	g. Max allowed emissions – annual i. Short term period
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation a. HAP Name C. Check if this is your single largest HAP emission.	g. Max allowed emissions – annual i. Short term period b. CAS # for individual HAPs
f. Potential Emissions 5000 h. Max allowed emissions – short term MBR-95-RES-047 j. Basis DEP Approval number or regulation P a. HAP Name C. Check if this is your single largest HAP emission. 0 d. Actual for previous year	g. Max allowed emissions – annual i. Short term period b. CAS # for individual HAPs

Bureau of Air and Waste

BWP AQ AP - TES

Total Emissions Statement & Hazardous Air Pollutant List

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h. Max allowed emissions - short term i. Short term period j. Basis DEP Approval number or regulation If a HAP is not listed above, use the button located below to add . **Add New HAP** 2. Total HAP Emissions a. Actual for previous year 0.121 b. Actual for year of record: 0.0910 c. Potential at max capacity uncontrolled: 38.4 d. Max allowed emissions - annual: 55.8 Facility-wide restriction only e. Max allowed emissions - short term: 10600 Facility-wide restriction only f. Short term period: Month g. Basis for max allowed emissions: MBR-95-RES-047 DEP approval # or regulation D. Notes and Attachments 1. Notes: Please include in the space below any additional information that will help DEP understand your submission. 2. Attachments: Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments in the notes field above and deliver them to DEP with a paper copy of this form.



a. Equipment Type

EPA Unit type code

AP1 Sec A - Transaction #1050437

Print Exit **Massachusetts Department of Environmental Protection** 2016 Bureau of Air and Waste Year of Record **Fuel Burning Device** 2 DEP EU# **Emission Unit** 1190564 Facility AQ Identifier A. Equipment Description 1. Facility Identifiers: 1 CLEAN HARBORS OF BRAINTREE INC a. Facility Name 34839 1190564 b. DEP Account Number c. Facility AQ Identifier 2. Emission Unit Identifiers: HURST BOILER, 2.091 MMBTU/HR, NO. 2 FUEL OIL-0.3 S a. Facility's choice of emission unit name - edit as needed 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 1 3. Emission unit installation and decommission dates: 05/01/2003 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? © Yes - Enter DEP's emissions unit number and name for the unit being replaced from the drop-down list No below: b. DEP's Emission Unit Number and facility's emission unit name 5. Equipment 🕜

BOILER

Massachusetts Department of Environmental Protection 2016 Bureau of Air and Waste Year of Record **Fuel Burning Device** 2 DEP EU#

1190564 BOILER If engine, is this an emergency generator? ○ Yes O No If an emergency generator, please give the number of hours of operation during the reporting year for each category of operation: Emergency Use(hours) Non Emergency Use(hours) Maintenance and Readiness Testing(hours) HURST 4VT-50BHP b. Manufacturer c. Model number 2.0910 d. Max Input Rating MMBtu/hr (must be greater than e. Number of burners (enter "0" if not applicable) f. Types of burner - check one: rotary • mech. atomizer steam atomizer air atomizer traveling grate

Specify "other" burner type HURST 30 h. Burner Model number g. Burner Manufacturer 05/01/2003 i.Burner Installation Date (mm/dd/yyyy)

hand fired

Other

6. DEP approvals - leave blank if not applicable:

b. DEP approval date (mm/dd/yyyy) a. Most recent approval number

7. Is this unit exempt under 310 CMR 7.02 Plan Approvals?

Emission Unit

© Yes © No

8. If exempt from Plan Approval, indicate the reason for the exemption, from the drop-down list below. (e.g., cite a specific DEP regulation):

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

			-	nvironmental Protection	2016
	Burea	au of Air ar	ia waste		Year of Record
	Fue	l Burnin	g Device		2
	Emissio	on Unit			DEP EU#
					1190564
9. Additional S	State Reporting Req	uirements:			
	other routine air qua ecify reporting frequ		=	nis emissions unit? Skip to question 9c	
b. Reporting Monthly	frequency - check a		Semi-annual	✓ Annual ✓ RES	
(include Ope	erating Permit and I	Plan Approval	reports, but not ex	xceedance reporting)	
c. Is this unit ✓ NESHAP	subject to (check a	ll that apply):			
10. Hours of o	peration for the emi	ission unit: 🕜	a. ch	eck if continuously operated - 24 X	7 X 52
24		7		17	
b. Number o	of hours per day	c. Numbe	er of days per wee	d. Number of weeks per ye	ar
e. Percent of	total annual operat	ion that occurs	s in each calendar	quarter:	
81.0	0.0	0.0	19.0	Sum of Q1+Q2+Q3+Q4 r	nust = 100%
Q1	Q2	Q3	Q4	or 0 if the unit was not ope	rated for any
				quarter	
11. Ozone sea	son schedule - May	1 through Se	ptember 30:		
0		0		0	
a. Ozone se	ason hours per day	,	season days per	week c. Weeks operated in ozon	e season
	Release Point - sele			Engines click here for instruct	_
Non-Stack	Release Points:		Ph	nysical Stacks:	
fugitive			Œ	vertical stack	
horizon	tal vent		C	vertical with rain cap/sleeve	
C engine	exhaust				
C downwa	ard facing vent				
vertical	stack/vent less than	10ft			
13. Link this u	nit to a physical sta	ck (if applicab	ole) - pick from the	e list below:	
2 STACK #2	- HURST BOILEF	R, NO. 2 FUE	L OIL		-
•			•	ne use the STACK form and complete a new Stack form before	e returning to
14. Is there an	air pollution contro	l device/s on th	nis emissions unit	? 🔞	
C Yes - ans	swer a through i	© No -	skip to question	15	
Air pollution	control device 🕜				
•		Click the bu	tton below to add	l a new control device	

Massachusetts Department of Environmental Protection 2016 Bureau of Air and Waste Year of Record 2

Fuel Burning Device

DEP EU# 1190564

Emission Unit

Add New control device 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 © CEMs CEMs CEMs a. Monitor type: 🔞 opacity opacity opacity other 0 other 🖰 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 O no C yes O no C yes O no j. Audible Alarm? O yes O no © yes no yes no k. Data System? yes O no O no 🖰 no yes yes 1. Monitored Pollutants PM 10 □ PM 10 □ PM 10 - check all that apply: ☐ PM 2.5 □ PM 2.5 □ PM 2.5 \Box SO2 \Box SO2 \Box SO2 ГСО Γ CO Γ CO \square VOC □ VOC □ VOC □NO2 □NO2 □ NO2 □ NH3 □ NH3 □ NH3 ☐ Mercury ☐ Mercury ☐ Mercury ☐ Oxygen ☐ Oxygen ☐ Oxygen □CO2 □CO2 □CO2

		_	of Environmental Pr	otection	2016
	Bureau of Air a	nd Waste			Year of Record
	Fuel Burnin	ng Devi	ce		2
	Emission Unit	C			DEP EU#
					1190564
	□ H2S			□ H2S	
	☐ HCL ☐ Opacity		ICL Opacity	☐ HCL ☐ Opacity	
	Cother		Other	□ Other	
		-	\		-
	Describe	Desc	cribe	Describe	
B. Fuels an	d Emissions				
	racteristics: this unit (previous records)	:	BOILER #2-HURST #	#30 - #2 OIL-0.3 S	ULFUR
1 ?			Fuel Name		
			1		
			DEP Fuel #		
fuel that you did not	l: Check the box if you need treport on previously (eDE) to your package).	P will add a i	Delete this fuel: check to this unit permanently. You record even if amount is "the unit in the next report of the unit in the unit in the next report of the unit in the unit in the unit in the next report of the unit in the unit	ou must still report for 0" – the fuel will be re	this year of
a. Source Classifica	ation Code (SCC): 3		SCC (call DEP if SCC v EXTERNAL COMBUSTINDUSTRIAL - DISTUAND 2 - ROII FR SCC Description - filled	STION BOILERS - LLATE OIL - GRAD	
b. Type of fuel			FUEL NO.2		
			Fuel Description - filled	by eDEP upon error of	check.
c. Sulfur content for	r oils and coal (0-2.2%):		.138		
			Percent by weight		
d. Ash content for o	oils and coal(0- 10.0%):		0		
			Percent by weight		
e. Maximum hourly	fuel rate for all firing burner	s:(enter "0" if	0.0155	1000 GALLONS	▼
unit decommissione	ed prior to this year of record	d): 🕜	Amount	Units per hour	
f. Do you have fuel	or usage restrictions?		• yes • no - skip to	•	
g. DEP approval nu	mber for fuel restrictions:		EXEMPT		
			Most recent for this fuel		
h. Annual usage rest	triction (for this fuel):(amou	int or hours)	111252	GALLONS	▼
			Quantity	Units	
			-		

_

Massachusetts Department of Environmental Protection Bureau of Air and Waste	2016
Fuel Burning Device	Year of Record 2
Emission Unit	DEP EU#
	1190564

							1190564
i. Short tern	n use restriction (for this fuel	l):(amount or hours)	9271		GALLO	ONS	▼
			Quant	ity	Units		
				Pe	er 🙃	C C week day l	C
2. Total ac	tual fuel used for year of rec	cord:	15.88		1000 G	ALLONS	▼
(check you year of rec	ur amount vs units and enter ord)	"0" if not used in the		ount - year of	b. Units		
			14.48	1 100	O GALLO	ONS	
		_	c. Tota	l annual usage for	prior year	r of record	1
Calculation	nissions for this fuel only in as: The form will automatical enter emissions for each spec	ally calculate the actua	_			•	
Pollutant:	☐ PM10-FIL(Report- ONLY filterable PM)	□ PM25-FIL(Rep ONLY filterable P		□ PM-CON		□ SO2	
Actual for	0.0145	0.0060				0.3081	
previous year:	Tons	Tons		Tons		Tons	
Actual for	0.0079	0.0020				0.1556	
year of	,	TP		P		P.	

Tons

Tons

Tons

•

•

•

1.3304

Tons

142

Tons

Tons

1000 GALLONS

•

•

•

•

0.0170

Tons

0.25

Tons

Tons

1000 GALLONS

•

•

Potential

emissions

Emission

Factor in pounds

per unit
Calculation

Method Max allowed emissions-

annual:

Max
allowed

emissions- Tons

short term: Short term

Period Basis DEP Approval 0.0679

1000 GALLONS

Tons

Tons

1

	Massachusetts Department of Environmental Protection Bureau of Air and Waste		Protection	2016
	· ·			Year of Record
	Fuel Burning D	evice		2
	Emission Unit			DEP EU#
				1190564
per or ation:				

regulation:					J	
Pollutant:	□ PF	}	□VOC		□ NH3	ГСО
Actual for previous year:	Tons		0.0025 Tons		0.0058 Tons	0.0632 Tons
Actual for year of record:	Tons		0.0016 Tons		0.0064 Tons	0.0397 Tons
Potential emissions	Tons		0.0136 Tons		0.0543 Tons	0.3395 Tons
Emission Factor?			0.20		0.80	5
in pounds per unit		•	1000 GALL	ONS 🔽	1000 GALLONS 🔻	1000 GALLONS 🔻
Calculation Method		•		•	•	V
Max allowed emissions-	Tons		Tons		Tons	Tons
annual: Max allowed	Tons		TOTAL		10.0	
emissions- short term:	Tons		Tons		Tons	Tons
Short term Period		•		<u> </u>	•	<u> </u>
Basis DEP Approval number or regulation:						
Polluta	nt:	□ NO2		specify othe	r pollutant	<u>_</u>
Actual for previous ye	ear:	0.1446 Tons		Tons		
Actual for yof record:		0.1906 Tons		Tons		
Potential emissions ?		1.6294 Tons		Tons		

	Massachusetts Depa Bureau of Air and Fuel Burning Emission Unit		2016 Year of Record 2 DEP EU# 1190564
Emission Factor	24		
in pounds per unit	1000 GALLONS 🔻		
Calculation Method	•	<u> </u>	
Max allowed emissions-annual: 7	Tons	Tons	
Max allowed emissions-short term:	Tons	Tons	
Short term Period	<u> </u>	•	
Basis DEP Approval number or regulation:			
b. Typical day emissions - po day check to own values NOTE: The checking th	enter your check to enter your own values form will estimate the ozone sease boxes above. and Attachments		our own values by

Massachusetts Department of Environmental Protection Bureau of Air and Waste	2016 Year of Record
Fuel Burning Device	2
Emission Unit	DEP EU#
Ellission Unit	1190564



AP1 Sec A - Transaction #1050437

Print Exit



Massachusetts Department of Environmental Protection Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016
Year of Record
3
DEP EU#
1190564

A. Equipment Description	A. Ec	լսipm	ent D	escri	ption
--------------------------	-------	-------	-------	-------	-------

A. Equipment Description 1. Facility Identifiers: 1. Tacility Identifier				
CLEAN HARBORS OF BRAINTREE INC				
a. Facility Name				
34839	1190564			
b. DEP Account Number c	e. Facility AQ Identifier			
2. Emission Unit Identifiers: 🕜				
CLEAVER BROOKS BOILER (NO.2 FUEL OIL, 0	0.3S)			
a. Facility's choice of emission unit name - edit as neede	ed			
3	3			
b. Facility's emission unit number / code - edit as neede	ed c. DEP emission unit#			
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units 3			
3. 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.			
4. Emission Unit Replacement 3				
a. Is this unit, replacing another emission unit?				
• • Yes - Enter DEP's emissions unit number and No below:	I name for the unit being replaced from the drop-down list			
b. DEP's Emission Unit Number and facility's emission	unit name			
5. Equipment 🕜				
a. Equipment Type				
EPA Unit type code 3	BOILER ▼			

Massachusetts Department of Environmental Protection 2016 Bureau of Air and Waste Year of Record **Fuel Burning Device** 3 DEP EU# **Emission Unit** 1190564 BOILER If engine, is this an emergency generator? ○ Yes O No If an emergency generator, please give the number of hours of operation during the reporting year for each category of operation: Emergency Use(hours) Non Emergency Use(hours)

CB800-150

rotary

Other

mech. atomizersteam atomizerair atomizertraveling gratehand fired

Specify "other" burner type

09/11/1986

8. If exempt from Plan Approval, indicate the reason for the exemption, from the drop-down list below. (e.g., cite a

CB800-150-150

h. Burner Model number

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

c. Model number

e. Number of burners (enter "0" if not applicable)

Maintenance and Readiness Testing(hours)

d. Max Input Rating MMBtu/hr (must be greater than

CLEAVER BROOKS

f. Types of burner - check one:

b. Manufacturer

CL BROOKS

09/01/1986

C Yes C No

MBR-86-COM-027

specific DEP regulation):

a. Most recent approval number

g. Burner Manufacturer

i.Burner Installation Date (mm/dd/yyyy)

6. DEP approvals - leave blank if not applicable:

7. Is this unit exempt under 310 CMR 7.02 Plan Approvals?

2.80

			•	nvironmental Protection	2016
	Burea	au of Air ar	ia waste		Year of Record
	Fuel	Burnin	g Device		3
	Emissio	n Unit			DEP EU#
					1190564
9. Additional State	Reporting Requ	uirements:			
a. Are there otherYes - Specify	_		requirements for th	skip to question 9c	
b. Reporting freq☐ Monthly	uency - check a		Semi-annual	✓ Annual ✓ RES	
(include Operatir	ng Permit and P	lan Approval	reports, but not ex	aceedance reporting)	
c. Is this unit sub ✓ NESHAP	ject to (check al ☐ NSPS	ll that apply): MACT	,		
10. Hours of opera	tion for the emi	ssion unit: 🕡	a. che	eck if continuously operated - 24 X 7	7 X 52
24		5		15	
b. Number of ho	urs per day	c. Numbe	er of days per wee	k d. Number of weeks per year	ar
e. Percent of tota	l annual operati	on that occur	s in each calendar	quarter:	
100.0	0.0	0.0	0.0	Sum of Q1+Q2+Q3+Q4 n	nust = 100%
Q1	Q2	Q3	Q4	or 0 if the unit was not open	rated for any
				quarter	
11. Ozone season	schedule - May	1 through Se	ptember 30:		
0		0		0	
a. Ozone season	hours per day		e season days per		e season
12. Emission Relea				Engines click here for instruct	_
Non-Stack Rel	ease Points:		Ph	ysical Stacks:	
© fugitive			G	vertical stack	
norizontal ve	ent		O	vertical with rain cap/sleeve	
c engine exhau	ust				
C downward f	acing vent				
r vertical stack	k/vent less than	10ft			
13. Link this unit to	a physical stac	ck (if applicat	ole) - pick from the	e list below:	
3 1 STACK - BO	ILER #1-CLE	AVER BROC	OKS, NO 2 FUEL	OIL	-
•			•	ne use the STACK form nd complete a new Stack form before	e returning to
14. Is there an air p	ollution control	device/s on the	his emissions unit?	• 🕝	
C Yes - answer	a through i	© No -	skip to question	15	
Air pollution conti	ol device 🔞				
- In political contra		Click the by	itton helow to add	a new control device	
		CHEK HIE OL	mon ociów to add	a new control device	

Massachusetts Department of Environmental Protection Bureau of Air and Waste Fuel Burning Device 2016 Year of Record 3

Emission Unit

3 DEP EU# 1190564

		A	dd New contro	1 device			
. Is there monitoring	g equipmen	t on this emission	ons unit or its re	lated control de	vices: 🕜		
C Yes - answer a thr	ough l	© No - s	kip to section I	3			
	Monitor	1	Monitor 2	2	Monitor 3	;	
a. Monitor type: 🕡	© CEMs		© CEMs		© CEMs		
	opacity	I	opacity	,	Opacity		
	other other		other		other		
	Describe		Describe		Describe		
. Manuscatuman	Describe		Describe		Describe		
o. Manufacturer:							
e. Model Number:							
d. Monitor ID #:							
	Facility's I	Designation	Facility's I	Designation	Facility's I	Designation	
e. Installation Date:							
	(mm/dd/y	ууу)	(mm/dd/yy	ууу)	(mm/dd/yy	ууу)	
DEP Approval #:							
g. DEP Approval							
Date:	(mm/dd/yyyy)		(mm/dd/yy	(mm/dd/yyyy)		(mm/dd/yyyy)	
a. Decommission Dat	te:						
	(mm/dd/y	ууу)	(mm/dd/yy	ууу)	(mm/dd/yy	ууу)	
. Recorder?	© yes	○ no	© yes	O no	C yes	O no	
. Audible Alarm?	O yes	○ no	© yes	○ no	© yes	O no	
a. Data System? 🕡	© yes	○ no	C yes	C no	C yes	○ no	
Monitored Pollutan	ts □ PM 10		□ PM 10		□ PM 10		
check all that apply:		5	□ PM 2.5	;	□ PM 2.5		
	□ SO2		\square SO2		□ SO2		
	СО		□ CO		□ CO		
	□VOC		□VOC		□VOC		
	□NO2		□ NO2		□NO2		
	□ NH3		□ NH3		□ NH3		
	☐ Mercui	~	☐ Mercur	-	☐ Mercury		
	□ Oxyger	1	□ Oxygen	1	□ Oxygen		
	\Box CO2		\Box CO2		\Box CO2		

	Massachusetts Department		otection	2016
	Bureau of Air and Waste			Year of Record
	Fuel Burning Devi	ice		3
	Emission Unit			DEP EU#
			=	1190564
		H2S HCL	□ H2S □ HCL	
		Opacity	☐ Opacity	
	± •	Other	☐ Other	
	▼	•		-
	Describe De	scribe	Describe	
B. Fuels and E	Emissions			
1. Fuel Name / Character Number of fuels for this		BOILER #1-CLEAVER PERCENT SULFU	R BROOKS #2 OIL	-0.3
1		Fuel Name		
		1		
		DEP Fuel #		
blank Sect. B form to yo Number of Additional Fu	nels:	in this unit permanently. You record even if amount is "On the unit in the next report of the unit in	" – the fuel will be re	
a. Source Classification	Code (SCC): 🕜	10200501		
		SCC (call DEP if SCC v		
		EXTERNAL COMBUS		<u> </u>
		INDUSTRIAL - DISTII AND 2 - ROII FR	LLATE OIL - GRAI	DES I
		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 ar	nd coal(0- 10.0%):	0		
		Percent by weight		
	rate for all firing burners:(enter "0"if	0.02	1000 GALLONS	-
unit decommissioned pri	or to this year of record):	Amount	Units per hour 🕡	
f. Do you have fuel or us	age restrictions?	• yes O no - skip to o	question 2	
g. DEP approval number	for fuel restrictions: 3	MBR-95-RES-047		
		Most recent for this fuel		
h. Annual usage restriction	on (for this fuel):(amount or hours)	376680	GALLONS	-
		Quantity	Units	
•				ı

Massachusetts Department of Environmental Protection	2016
Bureau of Air and Waste Fuel Burning Device	Year of Record
Emission Unit	DEP EU#
	1190564

						1190564
i. Short term	n use restriction (for this fuel):(amount or hours)	31390)	GALLO	ONS 🔻
			Quant	ity	Units	<u>—</u>
					Per 🙃	0 0 0
					month v	veek day hour
	tual fuel used for year of rec ur amount vs units and enter		9.100		1000 G	ALLONS 🕶
year of rec		o ii not used iii tile	a. Am	ount - year of	b. Units	
<i>J</i> • • • • • • • • • • • • • • • • • • •)		record			
			4.944	100	00 GALLO	NS
			c. Tota	l annual usage	for prior year	r of record
Calculation	is: The form will automatica nter emissions for each spec	lly calculate the actu	-			•
Pollutant:	☐ PM10-FIL(Report- ONLY filterable PM)	□ PM25-FIL(Rep ONLY filterable P		□ PM-CON		□ SO2 ③
Actual for	0.0049	0.0021				0.1053
previous year:	Tons	Tons		Tons		Tons
A atrial for						

Pollutant:	ONLY filterable PM)	ONLY filterable PM)	□ PM-CON	□ SO2②
Actual for previous	0.0049	0.0021		0.1053
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0046	0.0011		0.0892
record:	Tons	Tons	Tons	Tons
Potential emissions	0.0876	0.0219		1.7166
?	Tons	Tons	Tons	Tons
Emission Factor	1	0.25		142
in pounds per unit	1000 GALLONS 🔻	1000 GALLONS 🔻	•	1000 GALLONS 🔻
Calculation Method	-	-		<u> </u>
Max allowed				
	Tons	Tons	Tons	Tons
Max allowed				
	Tons	Tons	Tons	Tons
Short term Period	· ·	•	<u> </u>	
Basis DEP Approval				

	Massachusetts Depart Bureau of Air and W	ment of Environmental Pro Vaste	otection	2016 Year of Record
	Fuel Burning I	Device		3 DEP EU#
	Emission Unit			1190564
ber or lation:]			

							1170304	
number or regulation:]					
Pollutant:	PB		ГVOC		□ NH3		ГСО	
Actual for			0.0008		0.0020		0.0124	
previous year:	ons		Tons		Tons		Tons	
Actual for			0.0009		0.0036		0.0228	
year of record: To	ons		Tons		Tons		Tons	
Potential			0.0175		0.0701		0.4380	
•	ons		Tons		Tons		Tons	
Emission Factor			0.20		0.80		5	
in pounds per unit		•	1000 GALL	ONS -	1000 GALLONS	•	1000 GALLONS	▼
Calculation Method		•		•		_		-
Max								
allowed								
emissions- annual:	ons		Tons		Tons		Tons	
Max								
allowed emissions-	ons] Toma		Tong		Tons	
short term:	OHS		Tons		Tons		Tons	
Short term Period		•		_		▼	•]
Basis DEP								
Approval								
number or regulation:			1		1			
?								
Pollutant	: NO2			specify othe	er pollutant		V	
Actual for	0.0494							
previous year	" Tons			Tons				
Actual for year	ar 0.1092							
of record:	Tons			Tons				
Potential	2.1024							

Tons

emissions 3

Tons

	Massachusetts Department of Air and Massachusetts Department of Ai		2016 Year of Record 3 DEP EU# 1190564
Emission Factor	24		
in pounds per unit	1000 GALLONS ▼		
Calculation Method	•	•	
Max allowed emissions-annual: 7	Tons	Tons	
Max allowed emissions-short term:	Tons	Tons	
Short term Period	<u> </u>	▼	
Basis DEP Approval number or regulation:			
b. Typical day emissions - poday check to own values NOTE: The checking th	enter your check to enter your own values form will estimate the ozone sease boxes above. and Attachments		our own values by

	Massachusetts Department of Environmental Protection Bureau of Air and Waste Fuel Burning Device Emission Unit	2016 Year of Record 3 DEP EU#	
	Emission Unit	1190564	
. Attachments:			



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Massachusetts Department of Environmental Protection Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016 Year of Record 50

DEP EU# 1190564

Facility AQ Identifier

1. Faciltity Identifiers: 3	
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	<i>a</i>)
a. Facility's choice of emission unit name - edit as need	ded
50	50
b. Facility's emission unit number / code - edit as need	led c. DEP emission unit #
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units 3
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 3
	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?	
• • Yes - Enter DEP's emissions unit number and below:	d name for the unit being replaced from the drop-down list
	▼
b. DEP's Emission Unit Number and facility's emission	n unit name
5. Equipment 🕜	
a. Equipment Type	
EPA Unit type code 1	RECIPROCATING IC ENGINE

RECIPROCATING IC ENGINE

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016
Year of Record
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DEP EU#

1190564

'	•	ENGINE	,	
If engine, is this an emergency generate	or? 🕜	○ Yes	© No	
If an emergency generator, please gi category of operation:	ve the numb	per of hours	of operation	on during the reporting year for e
Emergency Use(hours)				
Non Emergency Use(hours)				
Maintenance and Readiness Testing(ho	ours)			
CUMMINS		125-DG	EA	
b. Manufacturer		c. Model	number	
1.6880				
d. Max Input Rating MMBtu/hr (must be 0) 3	greater than	e. Numbe	er of burner	rs (enter "0" if not applicable)
f. Types of burner - check one:	rotar	y		
	• mecl	n. atomizer		
	stean	n atomizer		
	🤁 air at	omizer		
	trave	ling grate		
	hand	fired		
	Othe	er		
	Specify	"other" burn	ner type	
g. Burner Manufacturer		h. Burner	Model nur	mber
i.Burner Installation Date (mm/dd/yyyy)				
DEP approvals - leave blank if not applications	able: 🛜			
	aoic.	0.5/0.4/1.00		
EXEMPT Most recent approval number		05/04/198		(mana/dd/x x x x x)
I. Most recent approval number Is this unit exempt under 310 CMR 7.02	Plan Approv		oloval date	(mm/dd/yyyy)
If exempt from Plan Approval, indicate the ecific DEP regulation):		the exemption	on, from the	e drop-down list below. (e.g., cite a
below thresholds in 310 CMR 7.02 (2)(b	7 and 15			<u> </u>

	Massachusetts Depar		onmental Protection	2016
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	Fuel Burning I	Device		50
	Emission Unit			DEP EU#
				1190564
9. Additional State Repo	orting Requirements:			
	ne air quality reporting requirting frequency below		issions unit? to question 9c	
☐ Monthly	y - check all that apply: Quarterly Semi rmit and Plan Approval report			
•	o (check all that apply): ISPS			
10. Hours of operation for	or the emission unit: 3	a. check if	continuously operated - 24 X 7	X 52
1	1		12	
b. Number of hours pe	er day c. Number of c	days per week	d. Number of weeks per year	•
e. Percent of total annu	ual operation that occurs in ea	ach calendar quarte	er:	
21.0		23.0	Sum of Q1+Q2+Q3+Q4 mu	ast = 100%
Q1 Q2	Q3	Q4	or 0 if the unit was not opera	ted for any
			quarter	
11. Ozone season sched	lule - May 1 through Septem	iber 30:		
1	1		4	
a. Ozone season hour		son days per week		season
12. Emission Release Po	_	J 1	Engines click here for instruction	
Non-Stack Release I	Points:	Physical	Stacks:	
© fugitive		• vertic	cal stack	
norizontal vent		vertic	cal with rain cap/sleeve	
c engine exhaust				
C downward facing	vent			
© vertical stack/ven	t less than 10ft			
13. Link this unit to a ph	nysical stack (if applicable) -	pick from the list b	pelow:	
7 1 STACK GENERA	TOR (2)- CUMMINS AND	CATERPILLAR		▼
•	from STACK form - to char is not listed, save and exit this	•	the STACK form mplete a new Stack form before i	returning to
14. Is there an air polluti	on control device/s on this en	nissions unit? 🔞		
C Yes - answer a thro	ough i	to question 15		
Air pollution control de	vice 🕜			
1		below to add a new	w control device	
	Chek the outton	otion to add a nev		

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

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1190564

Add New	control	device
1 Idd I ICW	comuoi	uc vicc

Yes - answer a thr	ough l	⊙ No - s	skip to section I	3			
	Monitor 1		Monitor 2	2	Monitor 3		
a. Monitor type: 3	© CEMs		© CEMs	© CEMs			
	opacity	,	opacity	© opacity			
	other		O other		O other		
	Describe		Describe		Describe		
o. Manufacturer:							
Model Number:							
. Monitor ID #:							
	Facility's I	Designation	Facility's I	Designation	Facility's I	Designation	
. Installation Date:							
	(mm/dd/yy	(mm/dd/yyyy)		(mm/dd/yyyy)		(mm/dd/yyyy)	
DEP Approval #:							
DEP Approval							
ate:	(mm/dd/yy	ууу)	(mm/dd/yyyy)		(mm/dd/yyyy)		
Decommission Date	te:						
	(mm/dd/yy	ууу)	(mm/dd/yy	ууу)	(mm/dd/yy	уу)	
Recorder?	🖰 yes	○ no	© yes	C no	© yes	O no	
Audible Alarm?	🦲 yes	○ no	C yes	C no	© yes	O no	
Data System? 🕡	🖰 yes	no no	© yes	C no	C yes	O no	
Monitored Pollutan	ts \square PM 10		□ PM 10		□ PM 10		
check all that apply: \square PM 2.5		;	□ PM 2.5		□ PM 2.5		
	\square SO2		\square SO2		\Box SO2		
	□СО		□СО		□СО		
	□VOC		\Box VOC		\Box VOC		
	□NO2		□ NO2		□ NO2		
	□ NH3	□ NH3		□ NH3		□ NH3	
	☐ Mercur	-	☐ Mercur		☐ Mercury		
	□ Oxyger	l	☐ Oxygen	l	☐ Oxygen		
	\Box CO2		\Box CO2		\Box CO2		

Massachusetts Departmen Bureau of Air and Waste	Massachusetts Department of Environmental Protection Bureau of Air and Waste					
		Year of Record				
Fuel Burning Dev	ice	DEP EU#				
Emission Unit		1190564				
□ H2S □	H2S □ H2S					
	HCL □ HCL					
± *	Opacity					
Other	Other					
_	▼	▼				
Describe Describe	escribe Describe					
B. Fuels and Emissions						
1. Fuel Name / Characteristics: Number of fuels for this unit (previous records):	GENERATOR #2-CUMMINS #NT855G2- 0.3 PER.S	- #2 OIL				
1 3	Fuel Name					
	1 DEP Fuel #					
blank Sect. B form to your package). Number of Additional Fuels: a. Source Classification Code (SCC):	record even if amount is "0" – the fuel will be rethe unit in the next report cycle. 20200102 SCC (call DEP if SCC will not validate) INTERNAL COMBUSTION ENGINES - INDUSTRIAL - DISTILLATE OIL (DIESE					
	RECIPROCATING SCC Description - filled by eDEP upon error					
b. Type of fuel	DIESEL 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" i unit decommissioned prior to this year of record):	if 0.0120 1000 GALLONS Amount Units per hour ?	•				
f. Do you have fuel or usage restrictions? 🕜	• yes • no - skip to question 2					
g. DEP approval number for fuel restrictions: 3	EXEMPT 7.02					
	Most recent for this fuel					
h. Annual usage restriction (for this fuel):(amount or hours)	300 EACH-YEAR	-				
	Quantity Units					

_

M I (D (CD) (ID ()	
Massachusetts Department of Environmental Protection	2016
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	1190564

i. Short term use restriction (for this fuel):(amount or hours)	24	DAY •
	Quantity	Units
		Per C C C C month week day hour
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)	0.1700	1000 GALLONS 🔻
	a. Amount - year of record	b. Units
	.114 1000	0 GALLONS
	c. Total annual usage	for prior year of record
3. Total emissions for this fuel only in tons per year: ②		
Calculations: The form will automatically calculate the actual	al and potential emission	ns UNLESS you check a box to
manually enter emissions for each specific pollutant. Click t	he "?" icon for informat	ion to help you decide how to use this
feature:		

Pollutant:	□ PM10-FIL(Report- ONLY filterable PM)	☐ PM25-FIL(Report- ONLY filterable PM)	□ PM-CON	□ SO2③
Actual for previous	0.0024	0.0024		0.0007
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0036	0.0036		0.0034
record:	Tons	Tons	Tons	Tons
Potential emissions	2.2338	2.2338		2.0866
?	Tons	Tons	Tons	Tons
Emission Factor	42.50	42.50		39.70
in pounds per unit	1000 GALLONS 🔻	1000 GALLONS 🔽	•	1000 GALLONS 🔽
Calculation Method	<u> </u>	-	•	
Max allowed				
	Tons	Tons	Tons	Tons
Max allowed				
emissions- short term:	Tons	Tons	Tons	Tons
Short term Period	•	•	•	•
Basis DEP Approval				

Massachusetts Department of Environmental Protection Bureau of Air and Waste

Fuel Burning Device

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1190564

number or				
regulation:				
Pollutant:	PB	ГОС	Г NH3	ГСО
Actual for		0.0027	0.0024	0.0074
previous year:	ons	Tons	Tons	Tons
Actual for year of		0.0042	0.0002	0.0111
record: To	ons	Tons	Tons	Tons
Potential emissions		2.5912	0.1524	6.8328
? To	ons	Tons	Tons	Tons
Emission Factor?		49.30	2.90	130
in pounds per unit	<u> </u>	1000 GALLONS 🔻	1000 GALLONS 🔻	1000 GALLONS 🔻
Calculation	-	-	•	-
Method Max				
allowed				
emissions- annual:	ons	Tons	Tons	Tons
Max				
allowed emissions-short term:	ons	Tons	Tons	Tons
Short term Period	_		•	_
Basis DEP				
Approval number or				
regulation:			ľ	
Pollutant	: □ NO2	specify oth	er pollutant	V
Actual for	0.0344			
previous year		Tons		
Actual for year				
of record:	Tons	Tons		
Potential	31.7462			
emissions 🔞	Tons	Tons		

	Massachusetts Depa Bureau of Air and	ertment of Environmental Protection Waste	2016 Year of Record
	Fuel Burning	Device	50
	Emission Unit		DEP EU#
			1190564
Emission Factor	604		
in pounds per unit	1000 GALLONS 🔻	_	
Calculation Method	_	_	
Max allowed			
emissions- nnual:	Tons	Tons	
Max allowed			
emissions-short erm:	Tons	Tons	
Short term Period		•	
Basis DEP			
Approval			
number or egulation: 1			
b. Typical day emissions - po			
day ☐ check to own values	enter your	your	
	e form will estimate the ozone seas e boxes above.	son emissions for you. However, you may enter you	ur own values by
C. Notes	and Attachments		
		on that will help DEP understand your submission.	
1. Notes. picas	e include any additional information	on that will help DEF thicerstand your submission.	
1			

	Massachusetts Department of Environmental Protection Bureau of Air and Waste	2016
		Year of Record
	Fuel Burning Device	50
	Emission Unit	DEP EU#
		1190564
. Attachments:		



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Massachusetts Department of Environmental Protection Bureau of Air and Waste

Fuel Burning Device

Emission Unit

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Facility AQ Identifier

A. Equipment Description

1	Faciltity Identifiers: 1	_
	CLEAN HARBORS OF	BRAINTREE INC

a. Facility Name

34839

1190564

b. DEP Account Number

c. Facility AQ Identifier

2. Emission Unit Identifiers:

CATERPILLAR GENERATOR #1

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

55

55

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

d. ORIS ID # – for large electrical utilities only

e. Combined Units – enter number of individual units 1

3. 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.

4. Emission Unit Replacement 🕜



a. Is this unit, replacing another emission unit?

© Yes - Enter DEP's emissions unit number and name for the unit being replaced from the drop-down list

No below:

- b. DEP's Emission Unit Number and facility's emission unit name
- 5. Equipment 🕜
- a. Equipment Type

EPA Unit type code

RECIPROCATING IC ENGINE

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016
Year of Record
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DEP EU#

•	3	ENGINE	3	
If engine, is this an emergency generator	? 🕜	© Yes	© No	
If an emergency generator, please give category of operation:	e the numb	per of hours	of operat	ion during the reporting year for e
Emergency Use(hours)				
Non Emergency Use(hours)				
Maintenance and Readiness Testing(hou	rs)			
CATERPILLAR		3412DI	Γ	
b. Manufacturer		c. Model	number	
5.3480		1		
d. Max Input Rating MMBtu/hr (must be g 0) ?	reater than	e. Numb	er of burne	ers (enter "0" if not applicable)
f. Types of burner - check one:	o rotar	У		
	• mech	n. atomizer		
	stean	n atomizer		
	air at	tomizer		
		ling grate		
	hand			
	Othe	er		
	Specify	"other" burn	ner type	
CATERPILLR		N/A		
g. Burner Manufacturer		h. Burne	r Model nu	ımber
06/01/1989				
i.Burner Installation Date (mm/dd/yyyy)				
DEP approvals - leave blank if not applicab	de: 🕜			
MBR-89-COM-31		05/04/198	39	
a. Most recent approval number		b. DEP ap	proval date	e (mm/dd/yyyy)
Is this unit exempt under 310 CMR 7.02 Pl ○ Yes ○ No	an Approv	als?		
If exempt from Plan Approval, indicate the ecific DEP regulation):	reason for	the exempti	on, from th	ne drop-down list below. (e.g., cite a

		•	nvironmental Protection	2016
	Bureau of Air	and Waste		Year of Record
	Fuel Burn	ing Device		55
	Emission Unit			DEP EU#
				1190564
9. Additional State Repo	rting Requirements:			
a. Are there other routingYes - Specify report			is emissions unit? Skip to question 9c	
b. Reporting frequency ☐ Monthly ☐ include Operating Per	Quarterly	☐ Semi-annual	✓ Annual ✓ RES acceedance reporting)	
c. Is this unit subject to ☐ NESHAP ☐ N				
10. Hours of operation for	or the emission unit:	a. che	eck if continuously operated - 24 X	7 X 52
1	1		11	
b. Number of hours pe	r day c. Nun	nber of days per weel	k d. Number of weeks per ye	ear
e. Percent of total annu	ial operation that occ	curs in each calendar	quarter:	
33.0 22.0		23	Sum of Q1+Q2+Q3+Q4	must = 100%
Q1 Q2	Q3	Q4	or 0 if the unit was not ope	erated for any
ζ-	~~	₹.	quarter	
11. Ozone season sched	ule - May 1 through	September 30:		
1	1		5	
a. Ozone season hour		one season days per		na sasson
	_	one season days per	•	_
12. Emission Release Po	oint - select one: 🚺		Engines click here for instruc	ctions: 🔮
Non-Stack Release I	Points:	Ph	ysical Stacks:	
fugitive		•	vertical stack	
C horizontal vent		0	vertical with rain cap/sleeve	
c engine exhaust				
© downward facing	vent			
© vertical stack/vent	t less than 10ft			
13. Link this unit to a ph	ysical stack (if appli	cable) - pick from the	e list below:	
7 1 STACK GENERA	TOR (2)- CUMMIN	S AND CATERPIL	LAR	▼
Facility's stack identifier If the stack for this unit i this form.		•	ne use the STACK form nd complete a new Stack form before	
14. Is there an air pollution	on control device/s o	n this emissions unit?	•	
C Yes - answer a thro	ough i 🕟 N	o - skip to question	15	
Air pollution control dev	vice 🔞			
- r		hutton balow to add	a new control device	
	Click tile	oution below to add	a new control device	

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

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Year of Record
55
DEP EU#

						1190564	
			Add New control	device			
. Is there monitoring	g equipment	on this emissi	ons unit or its rel	ated control de	evices: 🔞		
C Yes - answer a thre	ough l	No - No -	skip to section B	}			
	Monitor 1		Monitor 2		Monitor 3		
a. Monitor type: 🕜	© CEMs		© CEMs	○ CEMs		© CEMs	
71	opacity		opacity	opacity		opacity	
	other other		O other		O other		
	Describe		Describe		Describe		
b. Manufacturer:							
c. Model Number:							
d. Monitor ID #:							
	Facility's D	esignation	Facility's D	esignation	Facility's D	Designation	
e. Installation Date:							
	(mm/dd/yy	yy)	(mm/dd/yy	уу)	(mm/dd/yy	ryy)	
f. DEP Approval #:							
g. DEP Approval							
Date:	(mm/dd/yy	yy)	(mm/dd/yy	уу)	(mm/dd/yy	yy)	
h. Decommission Dat	ee:						
	(mm/dd/yy	yy)	(mm/dd/yy	уу)	(mm/dd/yy	yy)	
i. Recorder?	© yes	O no	C yes	no no	© yes	O no	
j. Audible Alarm?	© yes	no no	C yes	no no	C yes	no no	
k. Data System? 🕡	© yes	○ no	C yes	O no	C yes	○ no	
l. Monitored Pollutan	ts □ PM 10		□ PM 10		□ PM 10		
check all that apply:			□ PM 2.5		□ PM 2.5		
	\square SO2		□ SO2		\square SO2		
	□CO □VOC		\Box CO		□CO □VOC		
	□ VOC □ NO2		□ VOC □ NO2		□ VOC □ NO2		
	□ NO2 □ NH3		□ NO2 □ NH3		□ NO2 □ NH3		
	☐ Mercury	I	☐ Mercury	<i>I</i>	☐ Mercury	•	
	□ Oxygen		□ Oxygen		□ Oxygen		
	CO2				CO2		

	Massachusetts Departme Bureau of Air and Was	otection	2016	
				Year of Record
	Fuel Burning De	vice		DEP EU#
	Emission Unit			1190564
	□ H2S	H2S	□ H2S	
			□ HCL	
	□ Opacity	Opacity	☐ Opacity	
	□ Other	Other	☐ Other	
	_	▼		_
	Describe I	Describe	Describe	
B. Fuels and E	Emissions			
1. Fuel Name / Characte Number of fuels for this		GENERATOR #1-CAT OIL-0.3 S	ERPILLAR 558.5 F	KW #2
1 3		Fuel Name		
		1 DEP Fuel #		
blank Sect. B form to you Number of Additional Fu a. Source Classification	uels:	record even if amount is "0 the unit in the next report of 20200102 SCC (call DEP if SCC was INTERNAL COMBUS	ycle. 3	moved from
		INDUSTRIAL - DISTIL RECIPROCATING SCC Description - filled	LLATE OIL (DIESE	,
b. Type of fuel		DIESEL		
		Fuel Description - filled b	by eDEP upon error o	check.
c. Sulfur content for oils	and coal (0-2.2%):	.0401		
		Percent by weight		
d. Ash content for oils a	nd coal(0- 10.0%):	0		
		Percent by weight		
e. Maximum hourly fuel	rate for all firing burners:(enter "0	"if 0.0380	1000 GALLONS	-
unit decommissioned pri	for to this year of record): (1)	Amount	Units per hour ?	
f. Do you have fuel or us	age restrictions?	• yes • O no - skip to q	•	
g. DEP approval number	for fuel restrictions: 🔞	MBR-89-COM-31		
		Most recent for this fuel		
h. Annual usage restriction	on (for this fuel):(amount or hou	rs) 300	EACH-YEAR	▼
-		Quantity	Units	

_

Massachusetts Department of Environmental Protection	Year of Record 55 DEP EU#
Bureau of Air and Waste	Year of Record
Fuel Burning Device	55
Emission Unit	DEP EU#
	1190564

i. Short term use restriction (for this fuel):(amount or hours)	24	DAY ▼
	Quantity	Units
		Per C C C C month week day hour
2. Total actual fuel used for year of record:	0.3420	1000 GALLONS 🔻
(check your amount vs units and enter "0" if not used in the year of record)	a. Amount - year of record	b. Units
	.403 100	0 GALLONS
	c. Total annual usage	for prior year of record
3. Total emissions for this fuel only in tons per year: 3		
Calculations: The form will automatically calculate the actual manually enter emissions for each specific pollutant. Click to	•	·

feature:

Pollutant:	☐ PM10-FIL(Report- ONLY filterable PM)	PM25-FIL(Report-ONLY filterable PM)	PM-CON	□ SO2€
Actual for previous	0.0086	0.0086		0.0024
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0073	0.0073		0.0068
record:	Tons	Tons	Tons	Tons
Potential emissions	7.0737	7.0737		6.6077
CHISSIONS	Tons	Tons	Tons	Tons
Emission Factor?	42.50	42.50		39.70
in pounds per unit	1000 GALLONS 🔻	1000 GALLONS 🔻	_	1000 GALLONS 🔻
Calculation Method	_	_	_	
Max allowed				
emissions- annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions- short term:	Tons	Tons	Tons	Tons
Short term Period	V	<u> </u>	•	<u> </u>
Basis DEP Approval				

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016
Year of Record
55
DEP EU#

number or regulation:							
Pollutant:	□ PE	3	□VOC		□ NH3		ГСО
Actual for previous year:	Tons		0.0094 Tons		0.0086 Tons		0.0262 Tons
Actual for year of record:			0.0084 Tons		0.0005 Tons		0.0222 Tons
Potential emissions	Tons		8.2055 Tons		0.4827 Tons		21.6372 Tons
Emission Factor?			49.30		2.90		130
in pounds per unit		·	1000 GALL	ONS 🔽	1000 GALLONS	•	1000 GALLONS
Calculation Method		V		•		•	-
Max allowed emissions- annual:	Tons		Tons		Tons		Tons
Max allowed emissions- short term:	Tons		Tons		Tons		Tons
Short term Period		•		▼	·	-	
Basis DEP Approval number or regulation:							
Pollutai	nt:	□ NO2		specify other	er pollutant		▼
Actual for previous year:		0.1217 Tons		Tons			
Actual for year of record:		0.1033 Tons		Tons			
Potential emissions?		100.5298 Tons	Tons				

	Bureau of Air and		2016 Year of Record
	Fuel Burning Emission Unit	g Device	55 DEP EU#
			1190564
Emission Factor	604		
n pounds per unit	1000 GALLONS ▼	•	
Calculation Method	•	_	
Max allowed			
emissions- innual:	Tons	Tons	
Max allowed			
emissions-short erm:	Tons	Tons	
Short term Period	•	▼	
Basis DEP			
Approval			
number or regulation: 1			
b. Typical day emissions - poday	unds per	- vour	
own values	own values	your	
	form will estimate the ozone se boxes above.	ason emissions for you. However, you may enter yo	our own values by
C. Notes	and Attachments		
		tion that will help DEP understand your submission.	
		1 3	

	Massachusetts Department of Environmental Protection	2016
	Bureau of Air and Waste	Year of Record
	Fuel Burning Device	55
	Emission Unit	DEP EU#
		1190564
2. Attachments:		



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Massachusetts Department of Environmental Protection
Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016
Year of Record
64
DEP EU#
1190564

Facility AQ Identifier

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: 🕜					
2 LENNOX FURNACES SR 20Q5-140/154					
a. Facility's choice of emission unit name - edit as need	led				
64	64				
b. Facility's emission unit number / code - edit as need	ed c. DEP emission unit #				
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units 3				
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 3				
	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?					
• • Yes - Enter DEP's emissions unit number and below:	d name for the unit being replaced from the drop-down list				
b. DEP's Emission Unit Number and facility's emission	unit name				
5. Equipment 🕜					
a. Equipment Type					
EPA Unit type code ? FURNACE					

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

6.

8.

2016 Year of Record 64 DEP EU#

	3	FURNA	CE	
If engine, is this an emergency genera	ator? 🕜	○ Yes	O No	
If an emergency generator, please g category of operation: Emergency Use(hours)	give the number	er of hour	s of operati	on during the reporting year for ea
Non Emergency Use(hours)				
Maintenance and Readiness Testing(l	hours)			
LENNOX		SR20Q	5-140	
b. Manufacturer		c. Mode	l number	
0.3070		1		
d. Max Input Rating MMBtu/hr (must b	be greater than	e. Numb	er of burne	rs (enter "0" if not applicable)
f. Types of burner - check one:	rotary	,		
	• mech. at			
	steam	atomizer		
	air atc	omizer		
	travel	ing grate		
	C hand f			
	Other	•		
	Specify '	other" bur	ner type	
BECKETT		AFG		
g. Burner Manufacturer		h. Burne	r Model nu	mber
06/01/1995				
i.Burner Installation Date (mm/dd/yyyy)	1			
DEP approvals - leave blank if not appli	cable: 🕜			
. Most recent approval number		h DFP an	nroval date	(mm/dd/yyyy)
Is this unit exempt under 310 CMR 7.02 Yes ○ No		•	provar date	(IIIII) da yyyy)
ecific DEP regulation):		he exempt	ion, from th	ne drop-down list below. (e.g., cite a
If exempt from Plan Approval, indicate recific DEP regulation): below thresholds in 310 CMR 7.02 (2)(he exempt	ion, from th	ne drop-down list below. (e.g., cit

Massachuset	ts Department of Enviro	nmental Protection	2016
Bureau of A		Year of Record	
Fuel Bur	ning Device		64
Emission Unit	8		DEP EU#
			1190564
9. Additional State Reporting Requirement	s:		
a. Are there other routine air quality reportYes - Specify reporting frequency bel	• •		
b. Reporting frequency - check all that ap ☐ Monthly ☐ Quarterly	oply: ☐ Semi-annual	nual F RES	
(include Operating Permit and Plan App	roval reports, but not exceedar	nce reporting)	
c. Is this unit subject to (check all that ap ☐ NESHAP ☐ NSPS ☐ M.	ply): ACT		
10. Hours of operation for the emission un	it: 3	continuously operated - 24 X 7 X	52
0		0	
b. Number of hours per day c. N	umber of days per week	d. Number of weeks per year	
e. Percent of total annual operation that of	occurs in each calendar quarter	r:	
0.0 0.0	0.0	Sum of Q1+Q2+Q3+Q4 must	
Q1 Q2 Q3	Q4	or 0 if the unit was not operated	d for any
		quarter	
11. Ozone season schedule - May 1 throu	gh September 30:		
0		0	
a. Ozone season hours per day b. 0	Ozone season days per week	c. Weeks operated in ozone se	ason
12. Emission Release Point - select one:	• •	Engines click here for instructions	
Non-Stack Release Points:	Physical	Stacks:	
© fugitive	• vertica		
© horizontal vent		al with rain cap/sleeve	
C engine exhaust			
C downward facing vent			
© vertical stack/vent less than 10ft			
13. Link this unit to a physical stack (if ap	plicable) - pick from the list be	elow:	
9 1 STACK-2 FURNACES - LENNOX	-		•
Facility's stack identifier from STACK for If the stack for this unit is not listed, save a this form.	•		urning to
14. Is there an air pollution control device/	s on this emissions unit?		
C Yes - answer a through i	No - skip to question 15		
Air pollution control device 3			
Click	he button below to add a new	control device	

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016
Year of Record
64
DEP EU#
1190564

	Ac	ld New contro	l device		
equipment (on this emission	ns unit or its re	lated control de	vices: 🔞	
ough l	© No - sk	cip to section I	3		
Monitor 1		Monitor 2	2	Monitor 3	,
© CEMs		© CEMs	© CEMs		
opacity		opacity		opacity	
other other		other		other	
Describe		Describe		Describe	
Facility's D	esignation	Facility's I	Designation	Facility's I	Designation
(mm/dd/yyy	уу)	(mm/dd/yy	ууу)	(mm/dd/yy	ууу)
(mm/dd/vyv	/v)	(mm/dd/yv	/vv)	(mm/dd/yv	/vv)
	/V)	 (mm/dd/vv	/vv)	 (mm/dd/vy	/vv)
					© no
-		-		-	
C yes	○ no	© yes	no no	© yes	O no
C yes	○ no	© yes	C no	© yes	○ no
s □ PM 10		□ PM 10		□ PM 10	
□ PM 2.5					
	,		.,		7
-				•	
	Monitor 1 CEMs Opacity	equipment on this emission ough l No - sk Monitor 1 C CEMs Opacity Other Describe Facility's Designation (mm/dd/yyyy) (mm/dd/yyyy) C yes O no C yes O no C yes O no S PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen	equipment on this emissions unit or its related by the section of	Monitor 1 Monitor 2 CEMs Copacity Cother Cother Describe Describe Describe Describe Manitor 2 CEMs Copacity Cother Cother Describe Describe Monitor 2 CEMs Copacity Copacity Cother Describe Describe Monitor 2 CEMs Copacity Copacity Cother Describe Describe Manitor 2 CEMs Copacity Copacity Cother Monitor 2 CEMs Copacity Copacity Cother Monitor 2 CEMs Copacity Copaci	equipment on this emissions unit or its related control devices: Monitor 1 C CEMs C CEMs C Opacity C opacity C other C other Describe Describe Describe Describe Facility's Designation Facili

	Massachusetts Departmen		otection	2016
	Bureau of Air and Waste			Year of Record
	Fuel Burning Dev	ice		64
	Emission Unit			DEP EU#
				1190564
			H2S	
			□ HCL	
	1 2	-	□ Opacity □ Other	
	Oulci	▼	Ouici	
	Describe De		Describe	<u> </u>
_		escribe	Describe	
В.	Fuels and Emissions			
Nun	nel Name / Characteristics: ber of fuels for this unit (previous records):	FURNACES #1(2)-LEN 0.3 SULPHUR	NOX SR 20Q5 #	2 OIL-
1 ?		Fuel Name		
		1 DEP Fuel #		
fuel i blan	dd a NEW fuel: Check the box if you need to add a that you did not report on previously (eDEP will add a sect. B form to your package).	Delete this fuel: check be in this unit permanently. Yo record even if amount is "0" the unit in the next report contact.	u must still report for " – the fuel will be re	this year of
a. Sc	ource Classification Code (SCC): 3	10500105		
		SCC (call DEP if SCC w	ill not validate)	
		EXTERNAL COMBUS' INDUSTRIAL - DISTIL	TION - SPACE HEA	ATERS -
		SCC Description - filled b	by eDEP upon error	check.
b. Ty	rpe of fuel	FUEL NO.2		
		Fuel Description - filled b	y eDEP upon error c	check.
c. Su	lfur content for oils and coal (0-2.2%):	.138		
		Percent by weight		
d. A	sh content for oils and coal(0-10.0%):	0		
		Percent by weight		
	aximum hourly fuel rate for all firing burners:(enter "0")	of 0.0022	1000 GALLONS	-
unit	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. D	EP approval number for fuel restrictions:	EXEMPT		
		Most recent for this fuel		
h. Aı	nnual usage restriction (for this fuel):(amount or hours)	19.2720	1000 GALLONS	•
		Quantity	Units	

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Massachusetts Department of Environmental Protection Bureau of Air and Waste Fuel Burning Device Emission Unit DEP EU# 1190564

i. Short term use restriction (for this fuel):(amount or hours)	0.0022	1000 GALLONS ▼
	Quantity	Units
		Per C C C G month week day hour
year of record)	0.0000 a. Amount - year of record	1000 GALLONS • b. Units
	0 1000 G	ALLONS
	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	al and potential emission	ns UNLESS you check a box to

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

Pollutant:	☐ PM10-FIL(Report- ONLY filterable PM)	☐ PM25-FIL(Report- ONLY filterable PM)	PM-CON	□ SO23
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
?	Tons	Tons	Tons	Tons
Emission Factor?	2.46	0.6150		143.60
in pounds per unit	1000 GALLONS 🔻	1000 GALLONS 🔽	•	1000 GALLONS
Calculation Method			<u> </u>	
Max				
allowed emissions-annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions- short term:	Tons	Tons	Tons	Tons
Short term Period	•	•	•	I
Basis DEP Approval				

	_	reau of Air and Waste		2016 Year of Record	
	Fuel Burning	Device		64 DEP EU#	
	Emission Unit			1190564	
number or regulation:					

Pollutant:	□ PB	□VOC	□ NH3	□СО
Actual for previous	Tons	Tons	0 Tons	0 Tons
year: Actual for year of		0	0	0
record:	Tons	Tons	Tons	Tons
Potential emissions		0.0073	0.0077	0.0482
?	Tons	Tons	Tons	Tons
Emission Factor		0.76	0.80	5
in pounds per unit	•	1000 GALLONS 🔻	1000 GALLONS 🔻	1000 GALLONS 🔻
Calculation Method	•	•	•	V
Max allowed				
emissions- annual:	Tons	Tons	Tons	Tons
Max allowed				
emissions- short term:	Tons	Tons	Tons	Tons
Short term Period	•	_	•	•
Basis DEP Approval number or regulation:				

Pollutant:	□ NO2	specify other pollutant
Actual for	0	
previous year:	Tons	Tons
Actual for year	0	
of record:	Tons	Tons
Potential	0.1927	
emissions 1	Tons	Tons

	Bureau of Air and		2016 Year of Record
	Fuel Burning	g Device	64
	Emission Unit		DEP EU#
Emission Factor			1190564
?	20		
n pounds per unit	1000 GALLONS		
Calculation Method			
Max allowed			
emissions- annual:	Tons	Tons	
Max allowed			
emissions-short erm:	Tons	Tons	
Short term Period	_	_	
Basis DEP			
Approval			
number or regulation: 1			
4. Ozone season	emissions - May 1 through Sept	tember 30:	
	VOC emissions - pounds per da	ay	
0			
b. Typical day emissions - po			
day			
check to own values	enter your	your	
	e form will estimate the ozone sea the boxes above.	ason emissions for you. However, you may enter you	ur own values by
C. Notes	and Attachments		
		ion that will help DEP understand your submission.	
	'AS NOT USED IN CALENDA	<u> </u>	
1			

Massachusetts Department of Environmental Protection Bureau of Air and Waste	2016
Fuel Burning Device	Year of Record
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Emission Unit	1190564



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a. Equipment Type

EPA Unit type code 3

Massachusetts Department of Environmental Protection Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016 Year of Record

67

DEP EU#

1190564

Facility AQ Identifier

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 nee	ded
LG14	67
b. Facility's emission unit number / code - edit as need	ded c. DEP emission unit #
	64
d. ORIS ID # – for large electrical utilities only	e. Combined Units – enter number of individual units 3
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?	
• • • Yes - Enter DEP's emissions unit number an No below:	d name for the unit being replaced from the drop-down list
I	

FURNACE

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016 Year of Record 67

DEP EU# 1190564

	FURNACE
If engine, is this an emergency generator? ?	C Yes C No
If an emergency generator, please give the number category of operation:	er of hours of operation during the reporting year for e
Emergency Use(hours)	
Non Emergency Use(hours)	,
Maintenance and Readiness Testing(hours)	
ALLIED AIR ENTERPRISES LLC (A LENNOX C	LG-14-225/275B40
b. Manufacturer	c. Model number
0.28	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:	,
	atomizer
C steam	atomizer
C air ato	mizer
C traveli	ing grate
C hand f	fired
C Other	
Specify "	other" burner 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: 3	
a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)
Is this unit exempt under 310 CMR 7.02 Plan Approva • Yes • No	ls?
If exempt from Plan Approval, indicate the reason for the ecific DEP regulation): below thresholds in 310 CMR 7.02 (2)(b) 7 and 15	he exemption, from the drop-down list below. (e.g., cite a

	Massachusetts Depart		onmental Protection	2016
	Bureau of Air and W	Vaste		Year of Record
	Fuel Burning I	Device		67
	Emission Unit			DEP EU#
				1190564
9. Additional State Repo	orting Requirements:			
	ine air quality reporting requir rting frequency below		issions unit? to question 9c	
	y - check all that apply: □ Quarterly □ Semi-	-annual ▽ Aı	nnual V RES	
(include Operating Pe	ermit and Plan Approval repor	rts, but not exceeda	ance reporting)	
•	o (check all that apply): NSPS			
10. Hours of operation f	for the emission unit: 3	a. check if	continuously operated - 24 X 7	X 52
10	7		4	
b. Number of hours p	er day c. Number of c	days per week	d. Number of weeks per year	ar
e. Percent of total ann	ual operation that occurs in ea	ach calendar quarte	er:	
59.0	0.0	41.0	Sum of Q1+Q2+Q3+Q4 m	
Q1 Q2	Q3	Q4	or 0 if the unit was not oper	rated for any
			quarter	
11. Ozone season sched	dule - May 1 through Septem	ber 30:		
0	0		0	
a. Ozone season hou	rs per day b. Ozone seas	son days per week	c. Weeks operated in ozone	e season
12. Emission Release P	oint - select one: 🕡		Engines click here for instruct	ions: 🕜
Non-Stack Release	Points:	Physical	Stacks:	
© fugitive			cal stack	
norizontal vent		vertice	cal with rain cap/sleeve	
c engine exhaust				
o downward facing	g vent			
r vertical stack/ven	nt less than 10ft			
13. Link this unit to a ph	hysical stack (if applicable) -	pick from the list b	pelow:	
9 1 STACK-2 FURNA	ACES - LENNOX			~
Facility's stack identifier	r from STACK form - to char	nge stack name use	the STACK form	
•		•	mplete a new Stack form before	returning to
14. Is there an air polluti	ion control device/s on this en	nissions unit? 🕡		
C Yes - answer a thr	rough i	to question 15		
Air pollution control de	evice 🕜			
in polition control de		below to add a nev	y control dovice	
	Chek the button	below to add a flev	V COHUOI UEVICE	

Bureau of Air and Waste

Fuel Burning Device

Emission Unit

2016
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DEP EU#

Add New	control	device
Auuincw	Comuon	uc vicc

C Yes - answer a thr	ough l	© No - s	kip to section I	3		
	Monitor	1	Monitor 2	2	Monitor 3	}
a. Monitor type: 🕜	© CEMs		© CEMs		© CEMs	
. Women type.	opacity	I	opacity		opacity	
	other		other		other	
	Describe		Describe		Describe	
Manufacturer:						
Model Number:						
Monitor ID #:						
	Facility's I	Designation	Facility's I	Designation	Facility's I	Designation
Installation Date:						
	(mm/dd/y	ууу)	(mm/dd/yy	ууу)	(mm/dd/yy	ууу)
DEP Approval #:						
DEP Approval						
ate:	(mm/dd/y	ууу)	(mm/dd/yy	ууу)	(mm/dd/yy	ууу)
Decommission Date	te:					
	(mm/dd/y	ууу)	(mm/dd/yy	ууу)	(mm/dd/yy	ууу)
tecorder?	O yes	O no	C yes	C no	© yes	O no
Audible Alarm?	C yes	O no	© yes	C no	© yes	O no
Data System? 🕡	C yes	○ no	C yes	C no	© yes	O no
Monitored Pollutan	ts \square PM 10		□ PM 10		□ PM 10	
eck all that apply		5	□ PM 2.5		□ PM 2.5	
	\square SO2		\square SO2		\Box SO2	
	□СО		□СО		□СО	
	□VOC		□VOC		□VOC	
	□ NO2		□ NO2		□ NO2	
	□ NH3		□ NH3		□ NH3	
	☐ Mercui	-	☐ Mercur		☐ Mercury	
	□ Oxyger	1	□ Oxygen	1	□ Oxygen	
	\Box CO2		\Box CO2		\Box CO2	

	7.5	(CE		
	Massachusetts Departme		rotection	2016
	Bureau of Air and Was			Year of Record
	Fuel Burning De	vice		67
	Emission Unit			DEP EU#
	FILOC	= H2C	E H2C	1190564
		□ H2S □ HCL	□ H2S □ HCL	
		☐ Opacity	☐ Opacity	
	1 2	□ Other	☐ Other	
	▼	▼		▼
	Describe	Describe	Describe	
B. Fuels and E	Emissions			
		NO 2 OH		
 Fuel Name / Character Number of fuels for this remains an experience 		NO. 2 OIL		
1	The previous records).			
?		Fuel Name		
		1		
		DEP Fuel #		
☐ Add a NEW fuel: Che	eck the box if you need to add a	☐ Delete this fuel: check	box if you stopped us	sing this fuel
•	ort on previously (eDEP will add	1	-	•
blank Sect. B form to yo		record even if amount is "	_	emoved from
Number of Additional Fu	iels:	the unit in the next report	cycle.	
a. Source Classification	Code (SCC): 🕡	10200501		
		SCC (call DEP if SCC	will not validate)	'
		EXTERNAL COMBU	USTION BOILERS -	_
		INDUSTRIAL - DISTI	ILLATE OIL - GRAI	DES 1
		AND 2 - ROII FR SCC Description - filled	d by eDFP upon erro	r check
b. Type of fuel			a by CDDF upon Circ.	- CHOCK.
o. Type of fuer		FUEL NO.2	Lhan aDED and a seman	als a als
		Fuel Description - filled	t by eDEP upon error	cneck.
c. Sulfur content for oils	and coal (0-2.2%):	.138		
		Percent by weight		
d. Ash content for oils ar	nd coal(0- 10.0%):	0		
		Percent by weight		
e Maximum hourly fuel i	rate for all firing burners:(enter "C		1000 CALLONS	
•	or to this year of record):	0.0003	1000 GALLONS	S •
•		Amount	Units per hour 🕙	
f. Do you have fuel or us	age restrictions?	○ yes ○ no - skip to	question 2	
g. DEP approval number	for fuel restrictions:			
		Most recent for this fuel		
h Annual usaga rastriatio	on (for this fuel):(amount or hou			
n. Amuai usage tesutette	ni (101 uns 1001).(amount of 1100	·		_
		Quantity	Units	

Massachusetts Department of Environmental Protection Bureau of Air and Waste Fuel Burning Device Emission Unit DEP EU# 1190564

						[]	1190564
i. Short term	n use restriction (for this fuel):(amount or hours)					•
			Quanti	ty	Units	_	_
				I	Per C	000	
					month v	week day hou	r
	tual fuel used for year of rec		0.1800)	1000 GA	ALLONS -	
(check your amount vs units and enter "0" if not used in the year of record)			a. Amo	ount - year of	b. Units		
			.375	1000	GALLON	IS	
			c. Tota	l annual usage fo	or prior yea	or of record	
	nissions for this fuel only in	· ·					
	s: The form will automatica	•				-	
-	enter emissions for each spec	ific pollutant. Click th	ne "?" io	con for information	on to help y	ou decide hov	w to use this
feature:							
Pollutant:	☐ PM10-FIL(Report- ONLY filterable PM)	□ PM25-FIL(Repo ONLY filterable Pl		□ PM-CON		□ SO2?	
Actual for	0.0004	0.0002				0.0080	
previous	,	ļ'		Tong		l'	
year:	Tons	Tons		Tons		Tons	

Pollutant:	PM10-FIL(Report- ONLY filterable PM)	DPM25-FIL(Report-ONLY filterable PM)	PM-CON	□ SO2€
Actual for previous	0.0004	0.0002		0.0080
year:	Tons	Tons	Tons	Tons
Actual for year of	0.0001	0		0.0018
record:	Tons	Tons	Tons	Tons
Potential emissions	0.0013	0.0003		0.0257
?	Tons	Tons	Tons	Tons
Emission Factor	1	0.25		142
in pounds per unit	1000 GALLONS 🔻	1000 GALLONS 🔻	•	1000 GALLONS 🔻
Calculation Method	_			•
Max allowed				
	Tons	Tons	Tons	Tons
Max allowed				
emissions- short term:	Tons	Tons	Tons	Tons
Short term Period	•	•	_	I
Basis DEP Approval				

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Fuel Burning Device

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number or						
regulation:						
Pollutant:	PB	□ VOC	□ NH3	ГСО		
Actual for		0.0001	0.0002	0.0009		
previous year:	ons	Tons	Tons	Tons		
Actual for		0	0.0001	0.0005		
year of record: To	ons	Tons	Tons	Tons		
Potential emissions		0.0003	0.0011	0.0066		
(7)	ons	Tons	Tons	Tons		
Emission Factor?		0.20	0.80	5		
in pounds per unit	▼	1000 GALLONS 🔻	1000 GALLONS 💌	1000 GALLONS 🔻		
Calculation	-	-	-	-		
Method						
Max allowed						
	ons	Tons	Tons	Tons		
Max						
allowed emissions-short term:	ons	Tons	Tons	Tons		
Short term Period	<u> </u>	<u> </u>	•	_		
Basis DEP						
Approval number or						
regulation:		,	,			
Pollutant:	: □ NO2	specify oth	er pollutant			
Actual for	0.0038					
previous year:	Tons	Tons	Tons			
Actual for year	l'					
of record:	Tons	Tons	Tons			
Potential	0.0315					
emissions	Tons	Tons	Tons			

	Massachusetts Department of Environmental Protection Bureau of Air and Waste Fuel Burning Device		2016 Year of Record	
	Emission Unit	, Device	DEP EU#	
Emission Factor	24			
n pounds per ınit	1000 GALLONS 🔻	•		
Calculation Method	<u> </u>	•		
Max allowed emissions-	Tons	Tons		
Max allowed emissions-short erm:	Tons	Tons		
Short term Period	•			
Basis DEP Approval number or regulation: ?				
0 a. Typical day 0 b. Typical day emissions - poday check to	ounds per			
own values	own values	ason emissions for you. However, you may enter yo	our own values by	
	and Attachments e include any additional informat	ion that will help DEP understand your submission.		

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Fuel Burning Device		
	DEP EU#	
Emission Unit	1190564	