



Massachusetts Department of Environmental Protection

eDEP Transaction Copy

Here is the file you requested for your records.

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

Username: **CLEANHARBORS**

Transaction ID: **166667**

Document: **AQ Source Registration Package**

Size of File: **436.95K**

Status of Transaction: **Submitted**

Date and Time Created: **3/29/2023:4:36:09 PM**

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007

Year of record

9

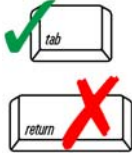
DEP Stack #

1190564

Facility AQ identifier

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

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

**A. Stack Description**

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

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE

a. Facility name

34839

b. DEP Account number

1190564

c. AQ identifier – SSEIS ID number

2. Stack identifiers:

**1 STACK-2 FURNACES LENNOX**

a. Facility's choice of stack name – edit as needed

9

b. Facility's stack number – edit as needed

9

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: _____

4. Dimensions:

28

Height in feet above the ground

0.60

Internal Diameter in feet

5. Gas exit velocity:

15

Low end - feet per second (0.1 – 500)

15

High end - feet per second (0.1 – 500)

6. Exit temperature:

200

Low end - ° Fahrenheit (50 – 1800)

200

High end - ° Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

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

?
What to do if data is unknown or unavailable?

?
How to delete a stack?

B. Emission Units Associated with Stack – eDEP Only

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

EU#64-2 LENNOX FURNACES SR 20Q5-140/154 0.246 MMBTU/HR

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

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2007

Year of record

9

DEP Stack #

1190564

Facility AQ identifier

C. Notes and Attachments

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

2. **Attachments:**

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007

Year of record

7

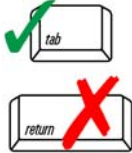
DEP Stack #

1190564

Facility AQ identifier

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

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

**A. Stack Description**

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

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE

a. Facility name

34839

b. DEP Account number

1190564

c. AQ identifier – SSEIS ID number

2. Stack identifiers: ?

1 STACK GENERATOR (2)- CUMMINS AND CATERPILLAR

a. Facility's choice of stack name – edit as needed

7

b. Facility's stack number – edit as needed

7

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: ?

4. Dimensions:

12

Height in feet above the ground

0.80

Internal Diameter in feet

5. Gas exit velocity:

32

Low end - feet per second (0.1 – 500)

32

High end - feet per second (0.1 – 500)

6. Exit temperature:

1150

Low end - ° Fahrenheit (50 – 1800)

1150

High end - ° Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

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

?
What to do if data is unknown or unavailable?

?
How to delete a stack?

B. Emission Units Associated with Stack – eDEP Only

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

EU#50-GENERATOR #2-CUMMINS #NT855G2 #2 DIESEL

EU#55-GENERATOR #1-CATERPILLAR 558.5 KW #2 OIL-0.3%S

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

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2007

Year of record

7

DEP Stack #

1190564

Facility AQ identifier

C. Notes and Attachments

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

2. **Attachments:**

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007

Year of record

5

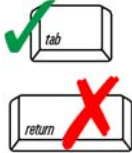
DEP Stack #

1190564

Facility AQ identifier

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

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

**A. Stack Description**

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

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE

a. Facility name

34839

b. DEP Account number

1190564

c. AQ identifier – SSEIS ID number

2. Stack identifiers: ?

2 DRUM CRUSHING LINES-

a. Facility's choice of stack name – edit as needed

5

b. Facility's stack number – edit as needed

5

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: ?

4. Dimensions:

54

Height in feet above the ground

1.30

Internal Diameter in feet

5. Gas exit velocity:

54

Low end - feet per second (0.1 – 500)

54

High end - feet per second (0.1 – 500)

6. Exit temperature:

60

Low end - ° Fahrenheit (50 – 1800)

60

High end - ° Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

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

?
What to do if data is unknown or unavailable?

?
How to delete a stack?

B. Emission Units Associated with Stack – eDEP Only

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

EU#61-REPACKAGING SOLVENTS

EU#5-2 DRUM CRUSHING LINES

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

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2007

Year of record

5

DEP Stack #

1190564

Facility AQ identifier

C. Notes and Attachments

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

2. **Attachments:**

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007

Year of record

4

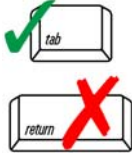
DEP Stack #

1190564

Facility AQ identifier

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

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



A. Stack Description

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

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE

a. Facility name

34839

b. DEP Account number

1190564

c. AQ identifier – SSEIS ID number

2. Stack identifiers: ?

THREE DISTILLATION UNITS- NOT USED 2007

a. Facility's choice of stack name – edit as needed

4

b. Facility's stack number – edit as needed

4

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: ?

4. Dimensions:

70

Height in feet above the ground

2

Internal Diameter in feet

5. Gas exit velocity:

15

Low end - feet per second (0.1 – 500)

15

High end - feet per second (0.1 – 500)

6. Exit temperature:

70

Low end - ° Fahrenheit (50 – 1800)

70

High end - ° Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

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

?
What to do if data is unknown or unavailable ?

?
How to delete a stack ?

B. Emission Units Associated with Stack – eDEP Only

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

EU#4-THREE DISTILLATION UNITS- 710 GAL/HR NOT USED 06

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

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2007

Year of record

4

DEP Stack #

1190564

Facility AQ identifier

C. Notes and Attachments

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

PLANING TO PUT SOLVENT RECOVERY OPERATIONS THROUGH CLOSURE IN 2008. WORKING WITH MA DEP.

2. **Attachments:**

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007

Year of record

3

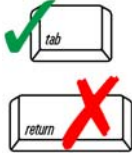
DEP Stack #

1190564

Facility AQ identifier

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

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

**A. Stack Description**

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

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE

a. Facility name

34839

b. DEP Account number

1190564

c. AQ identifier – SSEIS ID number

2. Stack identifiers:



1 STACK BOILER #1-CLEAVER BROOKS- #2 OIL

a. Facility's choice of stack name – edit as needed

3

b. Facility's stack number – edit as needed

3

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: _____

4. Dimensions:

35

Height in feet above the ground

1

Internal Diameter in feet

5. Gas exit velocity:

47

Low end - feet per second (0.1 – 500)

47

High end - feet per second (0.1 – 500)

6. Exit temperature:

450

Low end - ° Fahrenheit (50 – 1800)

450

High end - ° Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

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

What to do if data is unknown or unavailable ?



How to delete a stack ?

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

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

EU#3-BOILER #1-CLEAVER BROOKS- #2 OIL 0.3%S

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

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2007

Year of record

3

DEP Stack #

1190564

Facility AQ identifier

C. Notes and Attachments

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

2. **Attachments:**

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007

Year of record

2

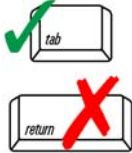
DEP Stack #

1190564

Facility AQ identifier

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

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



A. Stack Description

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

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE

a. Facility name

34839

b. DEP Account number

1190564

c. AQ identifier – SSEIS ID number

2. Stack identifiers: ?

STACK #2- BOILER #2- HURST #30- #2 OIL 0.3 PER. S

a. Facility's choice of stack name – edit as needed

2

b. Facility's stack number – edit as needed

2

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: ?

4. Dimensions:

35

Height in feet above the ground

1

Internal Diameter in feet

5. Gas exit velocity:

50

Low end - feet per second (0.1 – 500)

50

High end - feet per second (0.1 – 500)

6. Exit temperature:

212

Low end - ° Fahrenheit (50 – 1800)

212

High end - ° Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

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

?
What to do if data is unknown or unavailable ?

?
How to delete a stack ?

B. Emission Units Associated with Stack – eDEP Only

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

EU#2-BOILER #2-HURST #30 1.004 MMBTU/HR #2 OIL-0.3%S

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

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2007

Year of record

2

DEP Stack #

1190564

Facility AQ identifier

C. Notes and Attachments

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

2. **Attachments:**

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007

Year of record

10

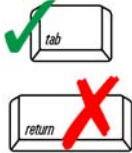
DEP Stack #

1190564

Facility AQ identifier

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

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



A. Stack Description

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

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE

a. Facility name

34839

b. DEP Account number

1190564

c. AQ identifier – SSEIS ID number

2. Stack identifiers: ?

CUT OFF ROOM - PAINT CAN POUR OFF+CRUSHING 2007

a. Facility's choice of stack name – edit as needed

10

b. Facility's stack number – edit as needed

10

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: ?

4. Dimensions:

18

Height in feet above the ground

1

Internal Diameter in feet

5. Gas exit velocity:

15

Low end - feet per second (0.1 – 500)

15

High end - feet per second (0.1 – 500)

6. Exit temperature:

70

Low end - ° Fahrenheit (50 – 1800)

70

High end - ° Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

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

?
What to do if data is unknown or unavailable ?

?
How to delete a stack ?

B. Emission Units Associated with Stack – eDEP Only

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

EU#65-PAINT CAN POUR-OFF + CRUSHING

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

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2007

Year of record

10

DEP Stack #

1190564

Facility AQ identifier

C. Notes and Attachments

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

2. **Attachments:**

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007

Year of record

1

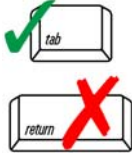
DEP Stack #

1190564

Facility AQ identifier

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

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



A. Stack Description

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

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE

a. Facility name

34839

b. DEP Account number

1190564

c. AQ identifier – SSEIS ID number

2. Stack identifiers: ?

STACK #1- INCINERATOR #1-VENT-O-MATIC- NA 2007

a. Facility's choice of stack name – edit as needed

1

b. Facility's stack number – edit as needed

1

c. DEP stack # – old SSEIS stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve b. Combined stacks – enter number of individual stacks: ?

4. Dimensions:

185

Height in feet above the ground

1.20

Internal Diameter in feet

5. Gas exit velocity:

21

Low end - feet per second (0.1 – 500)

21

High end - feet per second (0.1 – 500)

6. Exit temperature:

240

Low end - ° Fahrenheit (50 – 1800)

240

High end - ° Fahrenheit (50 – 1800)

7. Stack liner material: ☒ metal ☐ brick refractory ☐ other:

Describe Other

8. Decommission date – if applicable:

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

?
What to do if data is unknown or unavailable ?

?
How to delete a stack ?

B. Emission Units Associated with Stack – eDEP Only

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

EU#1-INCINERATOR #1-VENT-O-MATIC CAE 500 #2 OIL-0.2%S

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

BWP AQ AP-STACK

Emission Unit – Fuel Utilization Equipment

2007

Year of record

1

DEP Stack #

1190564

Facility AQ identifier

C. Notes and Attachments

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

INCINERATOR #1-VENT-O-MATIC- NOT OPERATED IN 2007

2. **Attachments:**

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