



Massachusetts Department of Environmental Protection

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Username: **MICHAELC68**

Transaction ID: **1210786**

Document: **AQ Source Registration Package (SR)**

Size of File: **1135.92K**

Status of Transaction: **Submitted**

Date and Time Created: **3/29/2023:2:42:20 PM**

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AP Stack - Transaction #1210786

Print

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Massachusetts Department of Environmental
Protection
Bureau of Waste Prevention - Air Quality
BWP AQ AP-STACK
Physical Vertical Stacks

2019

Year of Record

2

DEP Stack #

1190564

Facility AQ identifier

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

A. Stack Description:

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account number

1190564

c. AQ identifier

2. Stack identifiers:

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

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

2

b. Facility's stack number - edit as needed

2

c. DEP stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual
stacks:

4. Dimensions:

35

Height in feet above the ground (1 - 1300)

1

Internal Diameter in feet (0.01 - 300)

5. Gas Exit Velocity:

50

Low end - feet per second (0.06 - 1000)

50

High end - feet per second (0.06 - 1000)

6. Exit Temperature:

212

Low end - Fahrenheit (50 - 4000)

212

High end - Fahrenheit (50 - 4000)

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

B. Emission Units Associated with Stack

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

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

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

BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

2

DEP Stack #

1190564

[illegible]

C. Notes and Attachments

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

THE HURST BOILER WAS REPLACED BY THE COLUMBIA BOILER IN 2018.

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

BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

2

DEP Stack #

1190564

2. Attachments:

☐

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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.

AP Stack - Transaction #1210786

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Bureau of Waste Prevention - Air Quality
BWP AQ AP-STACK
Physical Vertical Stacks

Year of Record

DEP Stack #

Facility AQ identifier

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

A. Stack Description:

1. Facility identifiers:

a. Facility Name

b. DEP Account number

c. AQ identifier

2. Stack identifiers:

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

b. Facility's stack number - edit as needed

c. DEP stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual
stacks:

4. Dimensions:

Height in feet above the ground (1 - 1300)

Internal Diameter in feet (0.01 - 300)

5. Gas Exit Velocity:

Low end - feet per second (0.06 - 1000)

High end - feet per second (0.06 - 1000)

6. Exit Temperature:

Low end - Fahrenheit (50 - 4000)

High end - Fahrenheit (50 - 4000)

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

B. Emission Units Associated with Stack

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

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

BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

3

DEP Stack #

1190564

[illegible]

C. Notes and Attachments

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

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

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

BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

3

DEP Stack #

1190564

2. Attachments:

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AP Stack - Transaction #1210786

Print

Exit



Massachusetts Department of Environmental
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Bureau of Waste Prevention - Air Quality
BWP AQ AP-STACK
Physical Vertical Stacks

2019

Year of Record

5

DEP Stack #

1190564

Facility AQ identifier

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

A. Stack Description:

1. Facility identifiers:

CLEAN HARBORS OF BRAINTREE INC

a. Facility Name

34839

b. DEP Account number

1190564

c. AQ identifier

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 #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual
stacks:

4. Dimensions:

54

Height in feet above the ground (1 - 1300)

1.3

Internal Diameter in feet (0.01 - 300)

5. Gas Exit Velocity:

54

Low end - feet per second (0.06 - 1000)

54

High end - feet per second (0.06 - 1000)

6. Exit Temperature:

60

Low end - Fahrenheit (50 - 4000)

60

High end - Fahrenheit (50 - 4000)

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

B. Emission Units Associated with Stack

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

EU#5-2 DRUM CRUSHING LINES

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

BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

5

DEP Stack #

1190564

[illegible]

C. Notes and Attachments

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

NO DRUMS CRUSHED IN 2019

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

BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

5

DEP Stack #

1190564

2. Attachments:

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AP Stack - Transaction #1210786

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Bureau of Waste Prevention - Air Quality
BWP AQ AP-STACK
Physical Vertical Stacks

Year of Record

DEP Stack #

Facility AQ identifier

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

A. Stack Description:

1. Facility identifiers:

a. Facility Name

b. DEP Account number

c. AQ identifier

2. Stack identifiers:

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

b. Facility's stack number - edit as needed

c. DEP stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeveb. Combined stacks-enter number of individual stacks:

4. Dimensions:

Height in feet above the ground (1 - 1300)

Internal Diameter in feet (0.01 - 300)

5. Gas Exit Velocity:

Low end - feet per second (0.06 - 1000)

High end - feet per second (0.06 - 1000)

6. Exit Temperature:

Low end - Fahrenheit (50 - 4000)

High end - Fahrenheit (50 - 4000)

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

B. Emission Units Associated with Stack

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

2019
Year of Record
7
DEP Stack #
1190564

[illegible]

C. Notes and Attachments

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

BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

7

DEP Stack #

1190564

2. Attachments:

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AP Stack - Transaction #1210786

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Bureau of Waste Prevention - Air Quality
BWP AQ AP-STACK
Physical Vertical Stacks

Year of Record

DEP Stack #

Facility AQ identifier

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

A. Stack Description:

1. Facility identifiers:

a. Facility Name

b. DEP Account number

c. AQ identifier

2. Stack identifiers:

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

b. Facility's stack number - edit as needed

c. DEP stack #

3. Type: a. ☒ vertical ☐ vertical with rain cap/sleeve

b. Combined stacks-enter number of individual stacks:

4. Dimensions:

Height in feet above the ground (1 - 1300)

Internal Diameter in feet (0.01 - 300)

5. Gas Exit Velocity:

Low end - feet per second (0.06 - 1000)

High end - feet per second (0.06 - 1000)

6. Exit Temperature:

Low end - Fahrenheit (50 - 4000)

High end - Fahrenheit (50 - 4000)

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

B. Emission Units Associated with Stack

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

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BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

9

DEP Stack #

1190564

[illegible]

C. Notes and Attachments

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

THIS UNIT WAS REMOVED FROM SERVICE IN 2009,

THE 2 LENNOX FURNACES WERE REMOVED FROM BUILDING 6 IN SEPTEMBER 2015. THE NEW LG14 FURNACE WAS INSTALLED IN NOVEMBER 2015 AND PUT INTO SERVICE IN DECEMBER 2015. THE LG14 FURNACE VENTS OUT THE SAME STACK AS THE OLD FURNACES.

Massachusetts Department of Environmental Protection
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BWP AQ AP-STACK

Physical Vertical Stacks

2019

Year of Record

9

DEP Stack #

1190564

2. Attachments:

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