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Bureau of Waste Prevention – Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

2007
Year of record
9
DEP Stack #
1190564
Facility AQ identifier

	Со	mplete one AP-STACK form	n for EACH physical stac	k at the facility		
Important: When filling out forms on	A. Stack Description How to report combined units/stacks: see 3b					
the computer, use only the	1.	Facility identifiers:				
tab key to move your		CLEAN HARBORS OF E	BRAINTREE			
cursor - do not use the return		a. Facility name 34839		1190564		
key.		b. DEP Account number		c. AQ identifie	er – SSEIS ID number	
tab	2.	Stack identifiers:				
		1 STACK-2 FURNACES				
return		a. Facility's choice of stack nam	ne – edit as needed	0		
		9 b. Facility's stack number – edit	t as needed	g c. DEP stack	# - old SSEIS stack #	
	3.	Type: a. ✓ vertical vertical vertical	cal with rain cap/sleeve b	. Combined stacks	- enter number of individual stacks:	
	4	Dimensions:	28		0.60	
What to if data	4.	Dimensions.	Height in feet above the gr	ound	Internal Diameter in feet	
is unknown or	5.	Gas exit velocity:	15 Low end - feet per second	(0.1 – 500)	15 High end - feet per second (0.1 – 500)	
unavailable ?	_		200	(6 555)	200	
	6.	Exit temperature:	Low end - ⁰ Fahrenheit (50	- 1800)	High end - ⁰ Fahrenheit (50 – 1800)	
	7.	Stack liner material: ✓ metal brick refractory other:				
				Describe Oth	er	
How to delete a stack?	8.	Decommission date – if applicable: (mm/dd/yyyy) Complete only if the stack was permanently removed				
	В.	Emission Units A	Associated with	Stack - e	DEP Only	
	ent		hanges on the forms fo	r each emission	ist is for information only – no data unit (i.e., AP1, AP2, or AP3). Note: submitted.	
Important:		EU#64-2 LENNOX	FURNACES SR 20	0Q5-140/154	1 0.246 MMBTU/HR	
To assign an		-				

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

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

Bureau of Waste Prevention - Air Quality

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

2007

C. Notes and Attachments

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

2. Attachments:

Bureau of Waste Prevention - Air Quality

VP 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.

2.

3.

4.

5.

6.

7.









How to delete a stack?

า		
	How to repo	ort combined units/stacks: see 3b below
RAINTREE		
	1190564	
	c. AQ identifier – SSE	EIS ID number
R (2)- CUMMINS AND CA ⁻	ERPILLAR	
	7	
as needed	c. DEP stack # - old	SSEIS stack #
cal with rain cap/sleeve b. Con	bined stacks – enter	number of individual stacks:
12	0.8	0
Height in feet above the ground	Inter	rnal Diameter in feet
32	32	
Low end - feet per second (0.1 -	500) High	n end - feet per second (0.1 – 500)
1150	115	50
Low end - ⁰ Fahrenheit (50 – 1800)		n end - ⁰ Fahrenheit (50 – 1800)
metal	other:	
	Describe Other	
	R (2)- CUMMINS AND CAT e - edit as needed as needed as needed al with rain cap/sleeve b. Com 12 Height in feet above the ground 32 Low end - feet per second (0.1 – 1150 Low end - °Fahrenheit (50 – 180 metal brick refractory	R (2)- CUMMINS AND CATERPILLAR e - edit as needed as needed 7 c. DEP stack # - old cal with rain cap/sleeve b. Combined stacks - enter 12 Height in feet above the ground 32 Low end - feet per second (0.1 - 500) 1150 Low end - ⁰ Fahrenheit (50 - 1800) High

B. Emission Units Associated with Stack – eDEP Only

Decommission date – if applicable:

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

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

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

EU#50-GENERATOR #2-CUMMINS #NT855G2 #2 DIESEL
EU#55-GENERATOR #1-CATERPILLAR 558.5 KW #2 OIL-0.3%S

Bureau of Waste Prevention - Air Quality

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

2007

C. Notes and Attachments

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

2. Attachments:

Bureau of Waste Prevention - Air Quality

WP 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 no
use the return
key.
-

A

2.

3.

4.

5.

6.

7.







a stack?

. Stack Descriptio	n		
		How	to report combined units/stacks: see 3b below
Facility identifiers:			
CLEAN HARBORS OF	BRAINTREE		
a. Facility name			
34839		1190564	
b. DEP Account number		c. AQ identifier	- SSEIS ID number
Stack identifiers: ?	IES-		
a. Facility's choice of stack name	ne – edit as needed		
5		5	
b. Facility's stack number - edit	t as needed	c. DEP stack #	- old SSEIS stack #
Type: a. vertical vertical vertical	cal with rain cap/sleeve b. Com	nbined stacks –	enter number of individual stacks:
D'	54		1.30
Dimensions:	Height in feet above the ground		Internal Diameter in feet
0	54		54
Gas exit velocity:	Low end - feet per second (0.1 -	- 500)	High end - feet per second (0.1 – 500)
Frittenson anatoma	60		60
Exit temperature:	Low end - ⁰ Fahrenheit (50 – 1800)		High end - ⁰ Fahrenheit (50 – 1800)
Stack liner material:	metal	other:	
		Describe Other	
Decempionism data if a	andinoble:		

How to delete

8. Decommission date – if applicable:

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

B. Emission Units Associated with Stack - eDEP Only

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

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

	EU#61-REPACKAGING SOLVENTS
	EU#5-2 DRUM CRUSHING LINES
_	
_	
_	
_	

Bureau of Waste Prevention - Air Quality

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

2007

C. Notes and Attachments

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

2. Attachments:

Bureau of Waste Prevention - Air Quality

VP AQ AP-STACK

Physical Vertical Stacks

A. Stack Description

2007
Year of record
4
DEP Stack #
1190564
Facility AQ identifier

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

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

Important: When filling out forms on







How to delete a stack?

return
What to if data
is unknown or unavailable?

the computer, use only the	1.	Facility identifiers:				
tab key to move your		CLEAN HARBORS OF	BRAINTREE			
cursor - do not		a. Facility name				
use the return		34839		1190564		
key.		b. DEP Account number		c. AQ identifier	- SSEIS ID number	
tab	2.	Stack identifiers: ?				
• /		THREE DISTILLATION	UNITS- NOT USED 2007			
		a. Facility's choice of stack nar	me – edit as needed			
return		4		4		
		b. Facility's stack number – ed	it as needed	c. DEP stack #	- old SSEIS stack #	
	3.	Type: a. ☑ vertical ☐ vert	tical with rain cap/sleeve b. Co	ombined stacks –	enter number of individual stacks:	
			70		2	
(?)	4.	Dimensions:	Height in feet above the ground		Internal Diameter in feet	
nat to sif data			15		15	
unknown or available ?	5.	Gas exit velocity:	Low end - feet per second (0.	1 – 500)	High end - feet per second (0.1 – 500)	
available :			70	,	70	
	6.	Exit temperature:	Low end - ⁰ Fahrenheit (50 – 1	800)	High end - ⁰ Fahrenheit (50 – 1800)	
	7.	Stack liner material:	metal brick refractory			
				Describe Other		
2	8.	Decommission date – if	applicable:	naal Complete on	by if the stack was permanently removed	

B. Emission Units Associated with Stack - eDEP Only

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

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

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

Bureau of Waste Prevention - Air Quality

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

C. Notes and Attachments

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

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.

2007

Bureau of Waste Prevention – Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

2007
Year of record
3
DEP Stack #
1190564
Facility AQ identifier

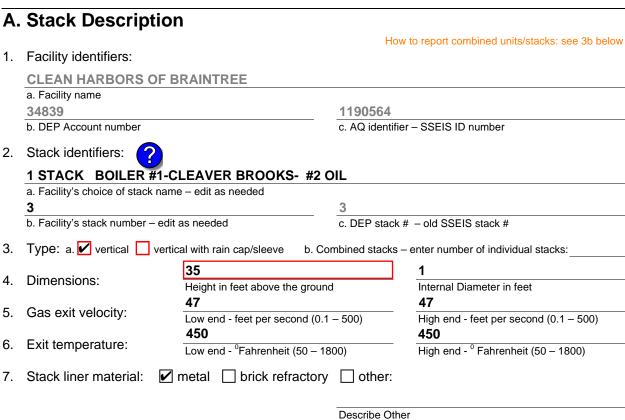
Complete one AP-STACK form for EACH physical stack at the facility

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









How to delete a stack?

Decommission date – if applicable:

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

B. Emission Units Associated with Stack - eDEP Only

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

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

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

Bureau of Waste Prevention - Air Quality

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

2007

C. Notes and Attachments

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

2. Attachments:

Bureau of Waste Prevention - Air Quality

BWP AQ AP-STACK

Physical Vertical Stacks

2007
Year of record
2
DEP Stack #
1190564
Facility AQ identifier

nnlete one AP-STACK form for FACH physical stack at the facility

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







How to delete a stack?

Α.	Stack Descript	ion					
1.	Facility identifiers:		How to report combined units/stacks: see 3b below				
•	•	E DDAINITDEE					
	CLEAN HARBORS O	FBRAINTREE					
	a. Facility name	444	20504				
	34839		90564				
	b. DEP Account number	c. A	Q identifier – SSEIS ID number				
2.	Stack identifiers:						
		2- HURST #30- #2 OIL 0.3 PER.	\$				
	a. Facility's choice of stack name – edit as needed						
	2	2	2				
	b. Facility's stack number –		c. DEP stack # - old SSEIS stack #				
	·						
_	<u> </u>						
3.	Type: a. ✓ vertical ∨		ed stacks – enter number of individual stacks:				
	Type: a. ✓ vertical ✓ v						
3. 4.	<u> </u>	rertical with rain cap/sleeve b. Combine					
4.	Type: a. ✓ vertical ✓ v	rertical with rain cap/sleeve b. Combine	ed stacks – enter number of individual stacks: 1				
	Type: a. ✓ vertical ✓ v	rertical with rain cap/sleeve b. Combine 35 Height in feet above the ground	ed stacks – enter number of individual stacks: 1 Internal Diameter in feet 50				
4. 5.	Type: a. ✓ vertical ✓	35 Height in feet above the ground 50	ed stacks – enter number of individual stacks: 1 Internal Diameter in feet 50				
4.	Type: a. ✓ vertical ✓ v	35 Height in feet above the ground 50 Low end - feet per second (0.1 – 500)	ed stacks – enter number of individual stacks: 1 Internal Diameter in feet 50 High end - feet per second (0.1 – 500)				
4. 5. 6.	Type: a. ✓ vertical ✓	Tertical with rain cap/sleeve b. Combine 35 Height in feet above the ground 50 Low end - feet per second (0.1 – 500 212 Low end - ⁰ Fahrenheit (50 – 1800)	d stacks – enter number of individual stacks: 1 Internal Diameter in feet 50 High end - feet per second (0.1 – 500) 212 High end - ⁰ Fahrenheit (50 – 1800)				
4. 5.	Type: a. ✓ vertical ✓	rertical with rain cap/sleeve b. Combine 35 Height in feet above the ground 50 Low end - feet per second (0.1 – 500 212 Low end - ⁰ Fahrenheit (50 – 1800)	ed stacks – enter number of individual stacks: 1 Internal Diameter in feet 50 High end - feet per second (0.1 – 500) 212				
4. 5. 6.	Type: a. ✓ vertical ✓	rertical with rain cap/sleeve b. Combine 35 Height in feet above the ground 50 Low end - feet per second (0.1 – 500 212 Low end - °Fahrenheit (50 – 1800) reference b. Combine 10 10 10 10 10 10 10 10 10 10 10 10 10	d stacks – enter number of individual stacks: 1 Internal Diameter in feet 50 High end - feet per second (0.1 – 500) 212 High end - Fahrenheit (50 – 1800) other:				
4. 5. 6.	Type: a. ✓ vertical ✓	rertical with rain cap/sleeve b. Combine 35 Height in feet above the ground 50 Low end - feet per second (0.1 – 500 212 Low end - °Fahrenheit (50 – 1800) reference b. Combine 10 10 10 10 10 10 10 10 10 10 10 10 10	d stacks – enter number of individual stacks: 1 Internal Diameter in feet 50 High end - feet per second (0.1 – 500) 212 High end - ⁰ Fahrenheit (50 – 1800)				

B. Emission Units Associated with Stack - eDEP Only

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

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

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

Bureau of Waste Prevention - Air Quality

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

2007

C. Notes and Attachments

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

2. Attachments:

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007	
Year of record	
10	
DEP Stack #	
1190564	
Facility AQ identifier	

	Со	mplete one AP-STACK for	rm for EACH physical stack	at the facility	y
Important: When filling out forms on	A. Stack Description How to report combined units/stacks: see 3b below				
the computer,	1.	Facility identifiers:			to report combined units/stacks. See ab below
use only the tab key to		CLEAN HARBORS OF	BRAINTREE		
move your cursor - do not		a. Facility name			
use the return		34839		1190564	
key.		b. DEP Account number		c. AQ ident	tifier – SSEIS ID number
tab	2.	Stack identifiers: ?			
		-	NT CAN POUR OFF+CR	JSHING 200	7
return		a. Facility's choice of stack na	ame – edit as needed		
		10		10	
		b. Facility's stack number – e	dit as needed	c. DEP stac	ck # - old SSEIS stack #
	3. Type: a. ✓ vertical □ vertical with rain cap/sleeve b. Combined stacks – enter number of individual				ss – enter number of individual stacks:
		5	18		1
(?)	4.	Dimensions:	Height in feet above the gro	und	Internal Diameter in feet
What to so if data is unknown or	_	Coo ovit volocitu	15		15
unavailable ?	5.	Gas exit velocity:	Low end - feet per second (0.1 – 500)	High end - feet per second (0.1 – 500)
	6.	Exit temperature:	70		70
	0.	Exit temperature.	Low end - ⁰ Fahrenheit (50 –	1800)	High end - ⁰ Fahrenheit (50 – 1800)
	7.	Stack liner material:	metal	ry 🗌 other:	:
				Describe O	other
How to delete a stack?	8.	Decommission date – if	f applicable: (mm/dd	/yyyy) Complete	e only if the stack was permanently removed
	В.	Emission Units	Associated with	Stack – e	DEP Only
	Below is a list of the emission units associated with this stack. This list is for information only – no data entry is required; make any changes on the forms for each emission unit (i.e., AP1, AP2, or AP3). Note: this list does not reflect changes you have made on-line, but not yet submitted.				
Important:		EU#65-PAINT CA	N POUR-OFF + CRU	JSHING	

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

EU#65-PAINT CAN POUR-OFF + CRUSHING

Bureau of Waste Prevention - Air Quality

WP AQ AP-STACK

Year of record 10 DEP Stack # 1190564 Emission Unit - Fuel Utilization Equipment Facility AQ identifier

C. Notes and Attachments

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

2. Attachments:

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

2007

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

BWP AQ AP-STACK

Physical Vertical Stacks

2007
Year of record
1
DEP Stack #
1190564
Facility AQ identifier

		,			racility AQ identifier
	Со	mplete one AP-STACK for	m for EACH physical stack	at the facility	
Important: When filling	A.	Stack Description	on		
out forms on the computer, use only the	1.	Facility identifiers:		Ho	w to report combined units/stacks: see 3b below
tab key to		CLEAN HARBORS OF	BRAINTREE		
move your cursor - do not		a. Facility name			
use the return		34839		1190564	
key.		b. DEP Account number		c. AQ identifi	er – SSEIS ID number
tab	2.	Stack identifiers:			
1/		STACK #1- INCINERATOR #1-VENT-O-MATIC- NA 2007			
		a. Facility's choice of stack na	me – edit as needed		
return		1		1	
		b. Facility's stack number – ed	dit as needed	c. DEP stack	# - old SSEIS stack #
	3. Type: a. ✓ vertical vertical with rain cap/sleeve b. Combined stacks – enter number of ir				- enter number of individual stacks:
		D'	185		1.20
	4.	Dimensions:	Height in feet above the grou	und	Internal Diameter in feet
What to so if data is unknown or	5.	Gas exit velocity:	21		21
unavailable ?	5.	Gas exit velocity.	Low end - feet per second (0	0.1 – 500)	High end - feet per second (0.1 – 500)
	6.	Exit temperature:	240		240
	0.	Exit tomporatare.	Low end - ⁰ Fahrenheit (50 –	1800)	High end - ⁰ Fahrenheit (50 – 1800)
	7.	Stack liner material:	metal brick refracto	ry	
				Describe Oth	er
How to delete a stack?	8.	Decommission date – if	applicable: (mm/dd/	/yyyy) Complete o	only if the stack was permanently removed
	В.	Emission Units	Associated with S	Stack – <mark>e</mark> ľ	DEP Only
					list is for information only – no data n unit (i.e., AP1, AP2, or AP3). Note:

this list does not reflect changes you have made on-line, but not yet submitted.

nportant:	EU#1-INCINERATOR #1-VENT-O-MATIC CAE 500 #2 OIL-0.2%S
o assign an mission unit o this stack,	
enter the Stack Id No.	
n the form or the	
mission unit i.e., AP1, AP2, or AP3).	
P2, 01 AP3).	

Bureau of Waste Prevention - Air Quality

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

C. Notes and Attachments

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

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.

2007