

Massachusetts Department of Environmental Protection

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Form S Cover Sheet

2010 Reporting Year CLEAN HARBORS ENVI Facility Name 34839 DEP Facility ID Number

# **Section 1: General Information**

Im	po	rta	nt:
	μυ		

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return Facility Name and Address:

a. Name		
1 HILL AVE		
b. Street Address		
BRAINTREE	MA	021840000
c. City	d. State	e. Zip Code
Form S(s)? Yes No		
If YES, attach a statement substantiat	ting the claim. This copy is: Sanitiz	ed 📃 Unsanitized 🗌
If YES, attach a statement substantiat Are all chemicals only used to treat wa (if yes, then there are no production ur	ting the claim. This copy is: Sanitiz astewater? Yes No 🖌 hits associated with this facility).	zed 🔲 Unsanitized 🗌
If YES, attach a statement substantiat Are all chemicals only used to treat wa (if yes, then there are no production ur	ting the claim. This copy is: Sanitiz astewater? Yes No 🖌 hits associated with this facility).	ed Unsanitized
If YES, attach a statement substantiat Are all chemicals only used to treat wa (if yes, then there are no production un i. Taxpayer Identification Number	ting the claim. This copy is: Sanitiz astewater? Yes No 🖌 hits associated with this facility). 02184CLNHR385 j. Toxics Release Inve	zed Dunsanitized D

# **Section 2: Certification Statement**

I hereby certify that I have reviewed this and all attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and information in these documents are accurate based on measurements and/or reasonable estimates using data available to the preparers of these documents. I am aware that there are significant penalties for willful or intentional submission of false or incomplete information. I agree on behalf of the filing facility to remit the required Toxics Use Fee (as determined on the Fee Worksheet form) to the Commonwealth of Massachusetts, as required by 301 CMR 40.03. I further certify that the information contained within this filing, as it pertains to TURA billing, is true and correct.

Gerald P Podlisny	6/17/2011
a. Authorized Signature	b. Date (MM/DD/YYYY)
GERALD	PODLISNY
c. First Name (Print)	d. Last Name (Print)
ENVIRONMENTAL COMPLIANCE	podlisny.gerald@cleanharbors.com
e. Position/Title	f. Email Address



Form S Cover Sheet

2010 Reporting Year CLEAN HARBORS ENVI Facility Name 34839 DEP Facility ID Number

# Section 3: Chemicals Previously Reported That Are Not Reportable This Year

In this section, you may provide information on any chemical reported last year that is not subject to reporting this year. If you substituted a non-listed chemical for a TURA chemical, you may identify the substitution.

The codes to explain why the chemical is not reportable are: [1] Chemical Below Threshold But > 0; [2] No Chemical Use in Reporting Year; [3] Chemical Substitution; [4] Chemical Eliminated (No Substitution); [5] Decline in Business; [6] Other (Explain below in the additional comments section); [7] Chemical no longer reportable under TURA. Check all the codes, up to four, that apply.

a.1	1026	a.2 LEAD COMPOUNDS
	CAS # of chemical not reportable (if applicable)	Chemical Name
	a3. Explanation of why the chemical Is [1] not reportable (check codes):	
a.4		a.5
	CAS # of chemical substituted for TURA chemical	Chemical Name
[		
b.1[	$CAS \neq of chemical not reportable (if applicable)$	0.2
	b.3 Explanation of why the chemical Is [1]	[_][2] [_][3] [_][4] [_][5] [_][6] [_][7]
b.4		b.5
	CAS # of chemical substituted for TURA chemical	Chemical Name
c.1		c.2
	CAS # of chemical not reportable (if applicable)	Chemical Name
	c.3 Explanation of why the chemical Is [1]	[2] [3] [4] [5] [6] [7]
c 4 [	not reportable (check codes):	
0.4	CAS # of chemical substituted for TURA chemical	Chemical Name
d.1		d.2
	CAS # of chemical not reportable (if applicable)	Chemical Name
	d.3 Explanation of why the chemical Is	
	not reportable (check codes):	
d.4	CAC # of observiced substituted for TUDA showing	d.5
	CAS # of chemical substituted for TORA chemical	Chemical Name
1 م		e 2
e. 1	CAS # of chemical not reportable (if applicable)	Chemical Name
	a 2 Exploration of why the chamical la	
	not reportable (check codes):	
e.4		e.5
	CAS # of chemical substituted for TURA chemical	Chemical Name
f.	Do you have more chemicals not subject to reporting this	s year? Yes No 🗸



Form S Cover Sheet

2010 Reporting Year **CLEAN HARBORS ENVI** Facility Name 34839 **DEP Facility ID Number** 

Section 4:	Facility-Wide	Listing of	Production	Units
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A PRODUCTION UNIT is best thought of as the combination of the process (or activities) used to produce a product or service and the product or service. In this section, please identify the PRODUCTION UNITS at the facility, then use the production unit number to report on chemical use in the Form S.

If there has been a substantial change in a PRODUCTION UNIT from the previous reporting year, the DDODUCTION LINUT must be advised

PRODUCTION UNI	I must be given a new, uniqu	ie number.						
b. Describe the Proc	ess:							
STABILIZATION OF	LEAD							
c. Describe the Proc	luct:							
DECHARACTERIZED WASTE.								
Enter up to four (4) six-d	igit NAICS Codes that best d	escribe the Product from this	Production Unit:					
562211 d. NAICS Code	e. NAICS Code	f. NAICS Code	g. NAICS Code					
_	b. Describe the Proc STABILIZATION OF c. Describe the Prod DECHARACTERIZED	PRODUCTION UNIT must be given a new, unique         b. Describe the Process:         STABILIZATION OF LEAD         c. Describe the Product:         DECHARACTERIZED WASTE.         Enter up to four (4) six-digit NAICS Codes that best d         562211         d. NAICS Code	PRODUCTION UNIT must be given a new, unique number.         b. Describe the Process:         STABILIZATION OF LEAD         c. Describe the Product:         DECHARACTERIZED WASTE.         Enter up to four (4) six-digit NAICS Codes that best describe the Product from this         562211       e. NAICS Code         d. NAICS Code       e. NAICS Code					

h. Check the appropriate description for the unit of product:

area	dollar	hours	kilowatt	Г	lenath	N/A	number	volume	V	weiaht
					<b>_</b>					

# **Production Process Step Information For This Production Unit**

i. Enter the production process codes to identify the process steps that involve TURA-reportable chemicals as an input, output or throughput. (See the reporting guidance document for the list of production process codes and instructions on when a given code needs to be listed.)

1.	GG-01 Process Code	2.	Process Code	3.	Process Code	4.	Process Code
5.	Process Code	6.	Process Code	7.	Process Code	8.	Process Code
9.	Process Code	10.	Process Code	11.	Process Code	12.	Process Code
13.	Process Code	14.	Process Code	15.	Process Code	16.	Process Code
17.	Process Code	18.	Process Code	19.	Process Code	20.	Process Code
21.	Process Code	22.	Process Code	23.	Process Code	24.	Process Code

2 a. Pro

Is this unit II the re year subm





# Massachusetts Department of Environmental Protection Bureau of Waste Prevention



2010
Reporting Year
<b>CLEAN HARBORS ENVI</b>
Facility Name
34839
DEP Facility ID Number

# Section 4: Facility-Wide Listing of Production Units (continued)

List the TURA-reportable chemicals associated with this production unit. If a chemical is associated with ALL the process steps entered in i. above, check ALL. If a chemical is associated with some but not all of the process steps, check the numbers that correspond to the process codes entered in i. above (i.e. box 1 below corresponds to the process code entered in i.1).

j. Produc	tion Unit	Number:	<b>2</b> Pro	od. Unit #							
k. TURA	Chemica	al	CA	S #			Ch	emical Nar	ne		
Check "A	All" or the	number	s that cor	respond	to the pro	ocess co	des ente	red in i.			All.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
I. TURA	Chemica	l	CA	S #				hemical Na	ime		
Check "A	All" or the	number	s that cor	respond	to the pro	ocess co	des ente	red in i.			All.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
m. TURA	Chemic	al		<u> </u>				homiaal Na			
m. TURA	Chemic	al		S#	to the pr			hemical Na	ime		
m. TURA Check "A	Chemic	al number	CA s that cor	s # respond	to the pre	ocess co	des ente	hemical Na red in i.	ime		All. 🗌
m. TURA Check "A 1.	Chemic All" or the 2. 🗌	al numbera 3. 🗌	CA s that cor 4.	s# respond 5.	to the pro	7. 🗌	des enter	hemical Na red in i. 9. 🗌	ime 10. 🗌	11.	<b>All.</b>
m. TURA Check "A 1 13	Chemic All" or the 2 14	al number: 3 15	CA s that cor 4 16	S # Trespond 5 17	to the pro 6 18	7. 🗌 19. 🗌	enter des enter 8 20	hemical Na red in i. 9 21	10 22	11 23	All 12 24
m. TURA Check "A 1 13	Chemic All" or the 2 14	al number: 3 15	CA s that cor 4 16	S # Trespond 5 17	to the pro 6 18	7. 🗌 19. 🗌	des enter     8.     20.	hemical Na red in i. 9 21	10 22	11 23	All 12 24
m. TURA Check "A 1 13 n. TURA	Chemic All" or the 2 14 Chemica	al 9 number: 3 15 al	CA s that cor 4 16	S # rrespond 5 17 S #	to the pro 6 18	7 19	20. C	hemical Na red in i. 9 21 hemical Na	10 22	11 23	All 12 24
m. TURA Check "/ 1 13 n. TURA Check "/	Chemic All" or the 2 14 Chemica All" or the	al number: 3 15 al	CA s that cor 4 16 CA s that cor	S # rrespond 5 17 S # rrespond	to the pro 6 18 to the pro	7 19	des enter     8.     20.     C      des enter	hemical Na red in i. 9 21 hemical Na red in i.	10 22	11 23	AII 12 24 AII
m. TURA Check "/ 1 13 n. TURA Check "/ 1	Chemic All" or the 2 14 Chemica All" or the 2	al number: 3 15 al number: 3	CA s that cor 4 16 CA s that cor 4	S # rrespond 5 17 S # rrespond 5	to the pro 6 18 to the pro 6	0 C C C C C C C C C C C C C C C C C C C	des enter     8.     20.     C      des enter     c      des enter     8.	hemical Na red in i. 9 21 hemical Na red in i. 9	10 22 me 10	11 23 11	AII
m. TURA Check "/ 1 13 n. TURA Check "/ 1 13	Chemica 2 14 Chemica All" or the 2 14	al number: 3 15 al number: 3 15	CA s that cor 4 16 s that cor 4 16	S # respond 5 17 S # respond 5 17	to the pro 6 18 to the pro 6 18	DCESS CO 7 19 DCESS CO 7 19		hemical Na red in i. 9 21 hemical Na red in i. 9 21	10 22 ime 10 22	11 23 11 23	AII



Form S Cover Sheet

2010 Reporting Year **CLEAN HARBORS ENVI** Facility Name 34839 **DEP Facility ID Number** 

Section 4: Facil	ity-Wide Listing	of Production	Units
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A PRODUCTION UNIT is best thought of as the combination of the process (or activities) used to produce a product or service and the product or service. In this section, please identify the PRODUCTION UNITS at the facility, then use the production unit number to report on chemical use in the Form S.

If there has been a substantial change in a PRODUCTION UNIT from the previous reporting year, the PRODUCTION UNIT must be given a new unique number

3		must be given a new, and		
a. Production Unit #	b. Describe the Proce	ess:		
Is this production unit IN USE for the reporting year of this submittal?	STORAGE, HANDLIN	IG AND TRANSFER OF W	ASTE	
	c. Describe the Produ	uct:		
	POUNDS OF WASTE	STORED		
E	Enter up to four (4) six-di	git NAICS Codes that best o	describe the Product from this	Production Unit:
	562211			
	d. NAIUS Code	e NAIUS Code	T. NAIUS Code	a. NAICS Code

	<b></b>		<b>—</b>		—			
area	dollar	hours	kilowatt	length	N/A	number	volume	✓ weight

#### **Production Process Step Information For This Production Unit**

i. Enter the production process codes to identify the process steps that involve TURA-reportable chemicals as an input, output or throughput. (See the reporting guidance document for the list of production process codes and instructions on when a given code needs to be listed.)

1.	GG-04 Process Code	2.	Process Code	3.	Process Code	4.	Process Code
5.	Process Code	6.	Process Code	7.	Process Code	8.	Process Code
9.	Process Code	10.	Process Code	11.	Process Code	12.	Process Code
13.	Process Code	14.	Process Code	15.	Process Code	16.	Process Code
17.	Process Code	18.	Process Code	19.	Process Code	20.	Process Code
21.	Process Code	22.	Process Code	23.	Process Code	24.	Process Code



# Massachusetts Department of Environmental Protection Bureau of Waste Prevention



2010
Reporting Year
<b>CLEAN HARBORS ENVI</b>
Facility Name
34839
DEP Facility ID Number

# Section 4: Facility-Wide Listing of Production Units (continued)

List the TURA-reportable chemicals associated with this production unit. If a chemical is associated with ALL the process steps entered in i. above, check ALL. If a chemical is associated with some but not all of the process steps, check the numbers that correspond to the process codes entered in i. above (i.e. box 1 below corresponds to the process code entered in i.1).

j. Produc	tion Unit	Number	: <b>3</b> Pro	od. Unit #							
k. TURA	Chemica	al	<b>10</b> CA	<b>)40</b> \S #			<b>P(</b> Ch	<b>DLYCYC</b> emical Nar	ne	OMATIC	COMPO
Check "A	All" or the	number	s that co	respond	to the pro	ocess co	des enter	red in i.			AII. 🗌
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
I. TURA	Chemica	I	<b>13</b> CA	<b>36363</b> \S #				<b>OLYCHL</b> hemical Na	ORINAT	ED BIPH	HENYLS
Check "A	All" or the	number	s that co	respond	to the pro	ocess co	des entei	red in i.			All.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	Chomio	al	74	39921				EAD			
m. TURA	Chemic	al	<b>74</b> CA	<b>39921</b> \S #				EAD hemical Na	ime		
m. TURA Check "/	Chemic	al e number	74 CA s that cor	<b>139921</b> \S # rrespond	to the pro	ocess co	LI Cl	EAD hemical Na red in i.	Ime		All.
m. TURA Check "A 1. 🔽	Chemic All" or the 2. 🗌	al e number 3. 🗌	74 CA s that cor 4. 🗌	<b>139921</b> IS # Trespond 5.	to the pro	ocess co 7. 🗌	des enter	EAD hemical Na red in i. 9.	ume 10. 🗌	11.	All
m. TURA Check "/ 1. 🔽 13. 🗌	Chemic All" or the 2 14	al e number 3 15	74 CA s that cor 4 16	<b>I39921</b> S # Trespond 5 17	to the pro 6 18	7 19	LL C des enter 8 20	EAD hemical Na red in i. 9 21	10 22	11 23	All 12 24
m. TURA Check "/ 1. 🔽 13. 🗌	Chemic All" or the 2 14 Chemica	al 9 number: 3 15 al	74 CA s that con 4 16	<b>I39921</b> S # Trespond 5 17	to the pro 6 18	7 19	LL C des enter 8 20	EAD hemical Na red in i. 9 21	10 22	11 23	All 12 24
m. TURA Check "/ 1. 🗹 13. 🗌 n. TURA	Chemic All" or the 2 14 Chemica	al 9 number 3 15 al	74 CA s that con 4 16 CA	<b>I39921</b> S # Trespond 5 17 S #	to the pro 6 18	00000000000000000000000000000000000000		EAD hemical Na red in i. 9 21 hemical Na	10 22	11 23	All 12 24
m. TURA Check "/ 1. 🗹 13. 🗌 n. TURA Check "/	Chemic All" or the 2. 14. Chemica All" or the	al number 3 15 al e number	T4 CA s that con 4 16 CA s that con	<b>I39921</b> S # Trespond 5 17 S # Trespond	to the pro 6 18 to the pro	00000000000000000000000000000000000000	des enter	EAD hemical Na red in i. 9 21 hemical Na red in i.	10 22	11 23	AII 12 24 AII
m. TURA Check "/ 1. 🔽 13. 🗌 n. TURA Check "/ 1. 🛄	Chemic All" or the 2 14 Chemica All" or the 2	al 9 number 3 15 al 9 number 3	74 CA s that con 4 16 cA s that con 4	<b>I39921</b> S # Trespond 5 17 S # Trespond 5	to the pro 6 18 to the pro 6	DCESS CO 7 19 DCESS CO 7		EAD hemical Na red in i. 9 21 hemical Na red in i. 9	10 22 me 10	11 23 11	AII
m. TURA Check "/ 1. 🗹 13. 🗌 n. TURA Check "/ 1. 🛄 13. 🗌	A Chemic All" or the 2 14 Chemica All" or the 2 14	al 9 number 3 15 al 9 number 3 15	74 CA s that con 4 16 s that con 4 16	I39921         IS #         Trespond         5	to the pro- 6 18 to the pro- 6 18	7.         19.         000000000000000000000000000000000000	LL C des enter 8 20 des enter 8 20	EAD hemical Na red in i. 9 21 hemical Na red in i. 9 21	ID	11 23 11 23	All 12 24 All 12 24



# Form S

С

2010 Reporting Year CLEAN HARBORS ENVIR Facility Name 34839 DEP Facility ID Number LEAD Chemical Name

hemical Use	Facility-Wide	and by I	Production	Units
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#### Important:

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

7439921						
a. MA DEP CAS	#					

Section 1: Facility-Wide Use of Listed Chemical

b. Chemical Name (Dioxin should be in grams, decimal points may be used)

Facility-wide use of chemical identified in a. Enter the total amount (in POUNDS, except for dioxin) for each applicable category. **NOTE:** 'Generated as byproduct' (item f.) means all waste containing the listed chemical before the waste is handled, transferred, treated, recycled or released. Please refer to the reporting instructions before completing this section.

0	0
c. Manufactured	d. Processed
50400	50400
e. Otherwise Used	f. Generated as Byproduct
0	1
g. Shipped In Or As Product	h. Production Ratio

## **Section 2: Materials Balance**

When the amounts reported in c, d and e in Section 1 are added together, the sum will in many cases equal the sum of f and g. In other words, lines c, d and e will often form a "materials balance." If lines c, d and e are not in approximate balance, you may use this section to explain why. Indicate all the reasons that apply by entering the number of pounds on the appropriate line below (e.g., 4,000 Chemical was held in inventory).

a. Chemical Was Recycled On Site	b. Chemical Was Consumed Or Transformed
c. Chemical Was Held In Inventory	d. Chemical Is a Compound
o. Other	

e. Other

f. Did anything non-routine occur at your facility during the reporting year that affected the data reported? If there is not a materials balance, and/or if the Prod. Ratio is <0.2 or >10 please check yes.

Yes*	🖌 No	*If your answer is Yes,	you may explain in Section 4.m. on Page 3.
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## Section 3: Chemicals Used in Waste Treatment Units

a. Is this chemical used to treat waste or control pollution?

Yes	No*	*If your answer is No.	, please skip ahead to Section
-----	-----	------------------------	--------------------------------

b. Please enter the amount of the chemical (in pounds) used to treat waste or control pollution.

Pounds	

c. Did the use of this chemical for waste treatment or pollution control increase or decrease by 10 percent or more compared with the previous reporting year?

c.1 Yes\* V No \*If your answer is Yes, you may explain in Section 4.m. on Page 3.

c.2 Yes 🖌 No	Are there more chemicals to report? to treat waste or control pollution).	(Use ONLY if ALL chemicals are used
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4.

	Ma Bu <b>T</b> Ch	reau of Waste Prevention OXICS USE R emical Use Facility-Wide	nt of Environmental - Toxics Use Reduc Report - Fo and by Production U	Protection tion Report orm S nits	2010 Reporting Year CLEAN HAR Facility Name 34839 DEP Facility ID N LEAD Chemical Name	BORS ENVIR
	Se	ction 4: Toxics Use by I	Production Unit			
<b>3</b> a. Production Unit #	b.	Quantity of Chemical Code:				
Use		1. ≤ 5,000 lbs.	<b>2</b> . > 5,000 ≤ 1	10,000 lbs. 🗹 3	3. > 10,000 lbs.	≤ 100,000 lbs.
		4. > 100,000 lbs. ≤ 500,00	00 lbs. 🔲 5. > 500,000 l	bs.		
	C.	Did the use of this chemical in compared with the previous re ☐Yes ✔ No* *If ye	n this production unit incr eporting year and/or did y our answer is No, skip ah	ease or decrease you implement to: ead to g. below.	e by 10 percent xics use reducti	or more on?
		Process code(s) where most significant changes occurred (up to three in descending order)	Type of Change (Enter "I" for Increase, "D" for Decrease)	Technique Coc (up to three per pro	le(s) ocess code)	
		d.1.	2.	3a.	3b.	3c.
		e 1		32	3h	30
					50.	
		f.1.	2.	За.	3b.	Зс.
Byproduct	g. h.	<ul> <li>Was byproduct generated for</li> <li>☐Yes* ✓ No *If yo</li> <li>Did the byproduct generated percent or more compared wireduction?</li> </ul>	for this chemical less than the for this chemical in this pitch the previous reporting	n percent of use in head to m. on Pa roduction unit inc year and/or did y	n this production ge 3. crease or decreat rou implement to	ase by 10 bxics use
		Yes 🖌 No*	*If your answer is No, sl	kip ahead to m. o	n Page 3.	
		Process code(s) where most significant changes occurred (up to three in descending order) i.1. j.1. k.1.	Type of Change         (Enter "I" for Increase,         "D" for Decrease)         2. <th>Technique Coo (up to three per pro- 3a. 3a. 3a. 3a. 3a.</th> <th>de(s) pocess code) 3b. 3b. 3b. 3b.</th> <th>3c. 3c. 3c. 3c. 3c.</th>	Technique Coo (up to three per pro- 3a. 3a. 3a. 3a. 3a.	de(s) pocess code) 3b. 3b. 3b. 3b.	3c. 3c. 3c. 3c. 3c.
	١.	Are there more production un	its that use this chemical	?	Yes	🖌 No



# **Toxics Use Report - Form S**

Chemical Use Facility-Wide and by Production Units

2010 Reporting Year CLEAN HARBORS ENVIR Facility Name 34839 DEP Facility ID Number LEAD Chemical Name

# Section 4: Toxics Use by Production Unit (continued)

m. You may add any comments or explanations regarding chemical use and/or byproduct generated in this production unit, chemical use in waste treatment (from Section 3), and non-routine occurrences at your facility (from Section 2).

NO LEAD COMPOUND WERE PRODUCE BY THE STABILIZATION PROCESS IN 20101. LEAD CONTAINING WASTE WAS SENT TO METALS RECOVERY FACILITY INSTEAD



Chemical Use Facility-Wide and by Production Units

Section 1: Facility-Wide Use of Listed Chemical

# Form S

2010 Reporting Year CLEAN HARBORS ENVIR Facility Name 34839 DEP Facility ID Number POLYCHLORINATED BIPH Chemical Name

#### When filling out forms on the computer, use

Important:

only the tab key to move your cursor - do not use the return key.

#### **1336363** a. MA DEP CAS #

b. Chemical Name (Dioxin should be in grams, decimal points may be used)

Facility-wide use of chemical identified in a. Enter the total amount (in POUNDS, except for dioxin) for each applicable category. **NOTE:** 'Generated as byproduct' (item f.) means all waste containing the listed chemical before the waste is handled, transferred, treated, recycled or released. Please refer to the reporting instructions before completing this section.

POLYCHLORINATED BIPHENYLS

0	0
c. Manufactured	d. Processed
12160	12160
e. Otherwise Used	f. Generated as Byproduct
0	.49
g. Shipped In Or As Product	h. Production Ratio

# **Section 2: Materials Balance**

When the amounts reported in c, d and e in Section 1 are added together, the sum will in many cases equal the sum of f and g. In other words, lines c, d and e will often form a "materials balance." If lines c, d and e are not in approximate balance, you may use this section to explain why. Indicate all the reasons that apply by entering the number of pounds on the appropriate line below (e.g., 4,000 Chemical was held in inventory).

a. Chemical Was Recycled On Site	b. Chemical Was Consumed Or Transformed
c. Chemical Was Held In Inventory	d. Chemical Is a Compound
o. Other	

e. Other

Г

f. Did anything non-routine occur at your facility during the reporting year that affected the data reported? If there is not a materials balance, and/or if the Prod. Ratio is <0.2 or >10 please check yes.

Yes*	🖌 No	*If your answer is Yes	, you may explain in Sectio	n 4.m. on Page 3.
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# Section 3: Chemicals Used in Waste Treatment Units

a. Is this chemical used to treat waste or control pollution?

Yes	🖌 No*	*If your answer is No, please skip ahead to Section 4.
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b. Please enter the amount of the chemical (in pounds) used to treat waste or control pollution.

Pounds	

c. Did the use of this chemical for waste treatment or pollution control increase or decrease by 10 percent or more compared with the previous reporting year?

c.1 Yes\* V No \*If your answer is Yes, you may explain in Section 4.m. on Page 3.

c.2 Ves 🔽 No	Are there more chemicals to report? to treat waste or control pollution).	(Use ONLY if ALL chemicals are used
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	Ma Bu T Ch	<b>SSACHUSETTS Departmen</b> reau of Waste Prevention <b>OXICS USE R</b> emical Use Facility-Wide	nt of Environmental n - Toxics Use Reduc Report - Fo and by Production U	Protection tion Report orm S nits	2010 Reporting Year CLEAN HARE Facility Name 34839 DEP Facility ID N POLYCHLOR Chemical Name	BORS ENVIR umber INATED BIPH
	Se	ction 4: Toxics Use by P	Production Unit			
2 a. Production Unit #	b.	Quantity of Chemical Code:				
Use		1. ≤ 5,000 lbs.	<b>∠</b> 2. > 5,000 ≤ 1	0,000 lbs. 3	. > 10,000 lbs. ≤	≤ 100,000 lbs.
		4. > 100,000 lbs. ≤ 500,00	00 lbs. 🚺 5. > 500,000 l	bs.		
	C.	Did the use of this chemical in compared with the previous re	n this production unit incre eporting year and/or did y our answer is No, skip ah	ease or decrease you implement tox ead to g. below.	by 10 percent c ics use reductio	or more on?
		Process code(s) where most significant changes occurred (up to three in descending order)	(Enter "I" for Increase, "D" for Decrease)	Technique Cod (up to three per pro	e(s) cess code)	
		d 1	2	3a	3h	30
		e.1.	2.	3a.	3b.	3c.
		f.1.	2.	3a.	3b.	Зс.
Byproduct	g. h.	Was byproduct generated for Yes* No *If yo Did the byproduct generated f percent or more compared wit reduction?	r this chemical less than 1 our answer is Yes, skip al for this chemical in this p ith the previous reporting	percent of use in nead to m. on Pag roduction unit incl year and/or did yo	n this production ge 3. rease or decrea ou implement to	unit? se by 10 xics use
			The your answer is no, sk	ap anead to m. or	TPage 3.	
		Process code(s) where most significant changes occurred (up to three in descending order)	t Type of Change (Enter "I" for Increase, "D" for Decrease)	Technique Cod (up to three per pro	e(s) cess code)	
		i.1.	2.	3a.	3b.	3c.
		<u>i.1.</u>	2.	3a.	3b.	3c.
		k.1.	2.	3a.	3b.	3c.
					_	_
	I.	Are there more production unit	nits that use this chemical	?	<b>∠</b> Yes	∐ No



# **Toxics Use Report - Form S**

Chemical Use Facility-Wide and by Production Units



# Section 4: Toxics Use by Production Unit (continued)

m. You may add any comments or explanations regarding chemical use and/or byproduct generated in this production unit, chemical use in waste treatment (from Section 3), and non-routine occurrences at your facility (from Section 2).

PRODUCTION RATIO OF .49 DUE SOLELY TO BUSINESS VOLUME REDUCTION IN THIS AREA, WHICH IS GOOD. WE ARE COLLECTIVELY CATCHING UP ON PCB CONTAMINATION.

	Ma Bu <b>T</b> Ch	reau of Waste Prevention OXICS USE R emical Use Facility-Wide	t of Environmental - Toxics Use Reduc eport - Fo and by Production U	Protection tion Report orm S nits	2010 Reporting Year CLEAN HAR Facility Name 34839 DEP Facility ID N POLYCHLOF Chemical Name	BORS ENVIR
	Se	ction 4: Toxics Use by F	Production Unit			
<b>3</b> a. Production Unit #	b.	Quantity of Chemical Code:				
Use		✓ 1. ≤ 5,000 lbs.	2. > 5,000 ≤ 1	10,000 lbs. 🔲 3	s. > 10,000 lbs.	≤ 100,000 lbs.
		4. > 100,000 lbs. ≤ 500,00	00 lbs. 🔲 5. > 500,000 l	bs.		
	C.	Did the use of this chemical in compared with the previous re	n this production unit incre eporting year and/or did y our answer is No, skip ah	ease or decrease ou implement to ead to g. below.	e by 10 percent kics use reducti	or more on?
		Process code(s) where most significant changes occurred (up to three in descending order)	Type of Change (Enter "I" for Increase, "D" for Decrease)	Technique Cod	le(s) ocess code)	
		d 1	2	3a	3b	30
		e.1.	2.	3a.	30.	3C.
		f.1.	2.	За.	3b.	Зс.
Byproduct	g. h.	Was byproduct generated for Yes* No *If you Did the byproduct generated to percent or more compared with reduction?	this chemical less than 1 our answer is Yes, skip al for this chemical in this p th the previous reporting	l percent of use ir head to m. on Pa roduction unit inc year and/or did y	n this production ge 3. rease or decrea ou implement to	n unit? ase by 10 oxics use
		Yes 🖌 No*	*If your answer is No, sk	kip ahead to m. or	n Page 3.	
		Process code(s) where most significant changes occurred (up to three in descending order) i.1.	Type of Change (Enter "I" for Increase, "D" for Decrease)	Technique Cod (up to three per pro 3a.	le(s) ocess code)	3c.
		j.1.	2.	За.	3b.	3c.
		k.1.	2.	3a.	3b.	3c.
	I.	Are there more production uni	ts that use this chemical	?	Yes	🖌 No



# Form S

2010 Reporting Year CLEAN HARBORS ENVIR Facility Name 34839 DEP Facility ID Number POLYCYCLIC AROMATIC Chemical Name

# Chemical Use Facility-Wide and by Production Units

Section 1: Facility-Wide Use of Listed Chemical

#### Important:

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

1040		
a MA	DFP CAS	#

POLYCYCLIC AROMATIC COMPOUNDS b. Chemical Name (Dioxin should be in grams, decimal points may be used)

Facility-wide use of chemical identified in a. Enter the total amount (in POUNDS, except for dioxin) for each applicable category. **NOTE:** 'Generated as byproduct' (item f.) means all waste containing the listed chemical before the waste is handled, transferred, treated, recycled or released. Please refer to the reporting instructions before completing this section.

0	0	
c. Manufactured	d. Processed	
156.	156	
e. Otherwise Used	f. Generated as Byproduct	
0	.06	
g. Shipped In Or As Product	h. Production Ratio	

## **Section 2: Materials Balance**

When the amounts reported in c, d and e in Section 1 are added together, the sum will in many cases equal the sum of f and g. In other words, lines c, d and e will often form a "materials balance." If lines c, d and e are not in approximate balance, you may use this section to explain why. Indicate all the reasons that apply by entering the number of pounds on the appropriate line below (e.g., 4,000 Chemical was held in inventory).

0	
a. Chemical Was Recycled On Site	b. Chemical Was Consumed Or Transformed
c. Chemical Was Held In Inventory	d. Chemical Is a Compound
e Other	

- e. Other
- f. Did anything non-routine occur at your facility during the reporting year that affected the data reported? If there is not a materials balance, and/or if the Prod. Ratio is <0.2 or >10 please check yes.

Yes* 🖌 No *If your answer is Yes, you may explain in Section 4.m.	1. on Page 3.
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# Section 3: Chemicals Used in Waste Treatment Units

a. Is this chemical used to treat waste or control pollution?

Yes	🖌 No*	*If your answer is No, please skip ahead to Section 4.
-----	-------	--

b. Please enter the amount of the chemical (in pounds) used to treat waste or control pollution.

Pounds	

c. Did the use of this chemical for waste treatment or pollution control increase or decrease by 10 percent or more compared with the previous reporting year?

c.1 Yes\* V No \*If your answer is Yes, you may explain in Section 4.m. on Page 3.

c.2 Ves 🔽 No	Are there more chemicals to report? to treat waste or control pollution).	(Use ONLY if ALL chemicals are used
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	Ma Bu Ch	Massachusetts Department of Environmental Protection Bureau of Waste Prevention - Toxics Use Reduction Report <b>Toxics Use Report - Form S</b> Chemical Use Facility-Wide and by Production Units				2010 Reporting Year CLEAN HARBORS ENVIR Facility Name 34839 DEP Facility ID Number POLYCYCLIC AROMATIC Chemical Name		
	Se	ction 4: Toxics Use by F	Pro	duction Unit				
<b>3</b> a. Production Unit #	b.	Quantity of Chemical Code:						
Use		<ul> <li>✓ 1. ≤ 5,000 lbs.</li> <li>2. &gt; 5,000 ≤ 10,000 lbs.</li> <li>3. &gt; 10,000 lbs. ≤ 100,000</li> </ul>						
		4. > 100,000 lbs. ≤ 500,00	00 lk	os. 🗌 5. > 500,000 lk	os.			
	C.	<ul> <li>Did the use of this chemical in this production unit increase or decrease by 10 percent or more compared with the previous reporting year and/or did you implement toxics use reduction?</li> <li>Yes  No* *If your answer is No, skip ahead to g, below.</li> </ul>					or more on?	
	Process code(s) where most Type of Change Technique Code(s) significant changes occurred (Enter "I" for Increase, (up to three per process code) (up to three in descending order) "D" for Decrease)							
		d 1	]	2	3a	3b	30	
			]					
		e.1.	1	2.	3a.	3b.	3c.	
		f.1.	-	2.	За.	3b.	Зс.	
Byproduct	<ul> <li>g. Was byproduct generated for this chemical less than 1 percent of use in this production unit?</li> <li>Yes* v No *If your answer is Yes, skip ahead to m. on Page 3.</li> <li>h. Did the byproduct generated for this chemical in this production unit increase or decrease by 10</li> </ul>				se by 10			
		percent or more compared with the previous reporting year and/or did you implement toxics use reduction?					xics use	
		Yes Vo* *If your answer is No, skip ahead to m. on Page 3.						
		Process code(s) where most significant changes occurred (up to three in descending order)	- (E	Type of Change Enter "I" for Increase, "D" for Decrease)	Technique Cod (up to three per pro	e(s) ocess code)		
		i1		2	3a	3b	30	
			]					
		j.1.	7	2.	3a.	3b.	3c.	
		k.1.	-	2.	За.	3b.	Зс.	
	I.	Are there more production un	its tł	nat use this chemical?	?	Yes	🖌 No	



# **Toxics Use Report - Form S**

Chemical Use Facility-Wide and by Production Units



# Section 4: Toxics Use by Production Unit (continued)

m. You may add any comments or explanations regarding chemical use and/or byproduct generated in this production unit, chemical use in waste treatment (from Section 3), and non-routine occurrences at your facility (from Section 2).

THE VOLUME OF OIL SUITABLE FOR RECYCLING DECREASEDBY A FACTOR OF 20 BETWEEN RY2009 AND RY2010



**Toxics Use Fee Worksheet** 

2010 Reporting Year CLEAN HARBORS ENVI Facility Name

34839

**DEP Facility ID Number** 

#### Important:

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



# CLEAN HARBORS ENVIRONMENTAL SERVICES INC a. Facility Name 1 HILL AVE b. Facility Site Address BRAINTREE c. City MA d. State e. Zip Code

The amount of your fee depends on the number of "full time employee equivalents" (2,000 work hours per year) at your facility, and the number of toxic substances for which reporting is required (i.e., the number of Form Ss you submit).

Use the following schedule to determine your fee for the **2010** reporting year.

# Full Time Employee Equivalents	Base Fee	Maximum Fee
≥ 10 and < 50 ≥ 50 and < 100 ≥ 100 and < 500 ≥ 500	\$1,850 \$2,775 \$4,625 \$9,250	\$5,550 \$7,400 \$14,800 \$31,450
f. Determine your base fee by referring to the 2nd	column above.	1850
g. Enter # of Form Ss you are filing that are not his hazard chemicals:	3	
h. Enter # of Form Ss you are filing for high hazar	d chemicals:	0
i. Enter # of Form Ss you are filing for low hazard	0	
j. ADD LINES g and h and multiply the result by \$	3300	
k. Add LINES f and LINE j.		5150
I. Enter the amount from LINE i or from the 3rd co (Maximum Fee) WHICHEVER IS LESS	5150	

Fee is the amount entered in LINE I. Payment of the fee will be processed later in the eDEP filing process. If the Check option is selected, print this Worksheet as documentation and send a copy with your check to MassDEP PO Box 4062, Boston MA 02211. Payment is due 8/1. Payments and/or reports sent after 8/1 of the year the report is due will be subject to a \$1000 late fee.