Massachusetts Department of Environmental Protection

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Username:	**PODLISNY**
Transaction ID:	**394761**
Document:	**Toxics Use Reduction Act (TURA) Reporting**
Size of File:	**2471.60K**
Status of Transaction:	**Submitted**
Date and Time Created:	**3/29/2023:2:27:30 PM**

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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Toxics Use Reduction Report

Form S Cover Sheet

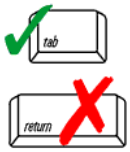
2010
Reporting Year

CLEAN HARBORS ENVI
Facility Name

34839
DEP Facility ID Number

Section 1: General Information

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



Facility Name and Address:

CLEAN HARBORS ENVIRONMENTAL SERVICES INC
a. Name

1 HILL AVE
b. Street Address

BRAINTREE
c. City

MA
d. State

021840000
e. Zip Code

f. Are you making a trade secret claim for any information submitted in this COVER SHEET and/or Form S(s)? Yes ☐ No ☑

g. If YES, attach a statement substantiating the claim. This copy is: Sanitized ☐ Unsanitized ☐

h. Are all chemicals only used to treat wastewater? Yes ☐ No ☑
(if yes, then there are no production units associated with this facility).

i. Taxpayer Identification Number
(Federal Employer Identification Number or FEIN)

02184CLNHR385QU
j. Toxics Release Inventory (TRI) Identification Number

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
a. Authorized Signature

6/17/2011
b. Date (MM/DD/YYYY)

GERALD
c. First Name (Print)

PODLISNY
d. Last Name (Print)

ENVIRONMENTAL COMPLIANCE
e. Position/Title

podlisny.gerald@cleanharbors.com
f. Email Address

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Toxics Use Reduction Report

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** CAS # of chemical not reportable (if applicable)
a.2 **LEAD COMPOUNDS** Chemical Name

a3. Explanation of why the chemical Is not reportable (check codes): ☐ [1] ☑ [2] ☐ [3] ☐ [4] ☐ [5] ☐ [6] ☐ [7]

a.4 CAS # of chemical substituted for TURA chemical
a.5 Chemical Name

b.1 CAS # of chemical not reportable (if applicable)
b.2 Chemical Name

b.3 Explanation of why the chemical Is not reportable (check codes): ☐ [1] ☐ [2] ☐ [3] ☐ [4] ☐ [5] ☐ [6] ☐ [7]

b.4 CAS # of chemical substituted for TURA chemical
b.5 Chemical Name

c.1 CAS # of chemical not reportable (if applicable)
c.2 Chemical Name

c.3 Explanation of why the chemical Is not reportable (check codes): ☐ [1] ☐ [2] ☐ [3] ☐ [4] ☐ [5] ☐ [6] ☐ [7]

c.4 CAS # of chemical substituted for TURA chemical
c.5 Chemical Name

d.1 CAS # of chemical not reportable (if applicable)
d.2 Chemical Name

d.3 Explanation of why the chemical Is not reportable (check codes): ☐ [1] ☐ [2] ☐ [3] ☐ [4] ☐ [5] ☐ [6] ☐ [7]

d.4 CAS # of chemical substituted for TURA chemical
d.5 Chemical Name

e.1 CAS # of chemical not reportable (if applicable)
e.2 Chemical Name

e.3 Explanation of why the chemical Is not reportable (check codes): ☐ [1] ☐ [2] ☐ [3] ☐ [4] ☐ [5] ☐ [6] ☐ [7]

e.4 CAS # of chemical substituted for TURA chemical
e.5 Chemical Name

f. Do you have more chemicals not subject to reporting this year? Yes ☐ No ☑

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Toxics Use Reduction Report

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

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.

2
a. Production Unit #

Is this production unit IN USE for the reporting year of this submittal?

☐ Yes ☑ No

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 Production Unit:

d. NAICS Code	e. NAICS Code	f. NAICS Code	g. NAICS Code
562211			

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

☐ 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-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

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

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 (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. Production Unit Number: 2 (Prod. Unit #)

k. TURA Chemical — CAS # — Chemical Name

Check "All" or the numbers that correspond to the process codes entered 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. ☐

l. TURA Chemical — CAS # — Chemical Name

Check "All" or the numbers that correspond to the process codes entered 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 Chemical — CAS # — Chemical Name

Check "All" or the numbers that correspond to the process codes entered 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. ☐

n. TURA Chemical — CAS # — Chemical Name

Check "All" or the numbers that correspond to the process codes entered 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. ☐

o. Are there more chemicals to report for this production unit? ☐ Yes ☑ No

p. Have additional production units been added to this facility? ☐ Yes ☑ No

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Toxics Use Reduction Report

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

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
a. Production Unit #

Is this production unit IN USE for the reporting year of this submittal?

☑ Yes ☐ No

b. Describe the Process:

STORAGE, HANDLING AND TRANSFER OF WASTE

c. Describe the Product:

POUNDS OF WASTE STORED

Enter up to four (4) six-digit NAICS Codes that best describe the Product from this Production Unit:

d. NAICS Code	e. NAICS Code	f. NAICS Code	g. NAICS Code
562211			

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

☐ 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

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 (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. Production Unit Number: 3 (Prod. Unit #)

k. TURA Chemical — CAS #: 1040 — Chemical Name: POLYCYCLIC AROMATIC COMPO

Check "All" or the numbers that correspond to the process codes entered 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. ☐

l. TURA Chemical — CAS #: 1336363 — Chemical Name: POLYCHLORINATED BIPHENYLS

Check "All" or the numbers that correspond to the process codes entered 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 Chemical — CAS #: 7439921 — Chemical Name: LEAD

Check "All" or the numbers that correspond to the process codes entered 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. ☐

n. TURA Chemical — CAS #: — Chemical Name:

Check "All" or the numbers that correspond to the process codes entered 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. ☐

o. Are there more chemicals to report for this production unit? ☐ Yes ☑ No

p. Have additional production units been added to this facility? ☐ Yes ☑ No

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – **Toxics Use Reduction Report**

Form S

Chemical Use Facility-Wide and by Production Units

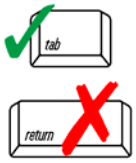
2010
Reporting Year

CLEAN HARBORS ENVIR
Facility Name

34839
DEP Facility ID Number

LEAD
Chemical Name

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



Section 1: Facility-Wide Use of Listed Chemical

7439921
a. MA DEP CAS #

LEAD
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
c. Manufactured

0
d. Processed

50400
e. Otherwise Used

50400
f. Generated as Byproduct

0
g. Shipped In Or As Product

1
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

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.

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* ☑ 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? (Use ONLY if ALL chemicals are used to treat waste or control pollution).

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Toxics Use Reduction Report

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

3
a. Production Unit #

Use

b. Quantity of Chemical Code:

☐ 1. ≤ 5,000 lbs. ☐ 2. > 5,000 ≤ 10,000 lbs. ☑ 3. > 10,000 lbs. ≤ 100,000 lbs.

☐ 4. > 100,000 lbs. ≤ 500,000 lbs. ☐ 5. > 500,000 lbs.

c. 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?

☐ Yes ☑ No* *If your answer is No, skip ahead to g. below.

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 Code(s) (up to three per process code)		
d.1.	2.	3a.	3b.	3c.
e.1.	2.	3a.	3b.	3c.
f.1.	2.	3a.	3b.	3c.

Byproduct

g. Was byproduct generated for this chemical less than 1 percent of use in this production unit?

☐ Yes* ☑ No *If your answer is Yes, skip ahead to m. on Page 3.

h. Did the byproduct generated for 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?

☐ Yes ☑ No* *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)	Type of Change (Enter "I" for Increase, "D" for Decrease)	Technique Code(s) (up to three per process code)		
i.1.	2.	3a.	3b.	3c.
j.1.	2.	3a.	3b.	3c.
k.1.	2.	3a.	3b.	3c.

l. Are there more production units 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

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – **Toxics Use Reduction Report**

Form S

Chemical Use Facility-Wide and by Production Units

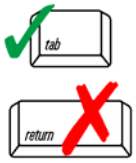
2010
Reporting Year

CLEAN HARBORS ENVIR
Facility Name

34839
DEP Facility ID Number

POLYCHLORINATED BIPH
Chemical Name

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



Section 1: Facility-Wide Use of Listed Chemical

1336363
a. MA DEP CAS #

POLYCHLORINATED BIPHENYLS
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
c. Manufactured

0
d. Processed

12160
e. Otherwise Used

12160
f. Generated as Byproduct

0
g. Shipped In Or As Product

.49
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

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.

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* ☑ 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? (Use ONLY if ALL chemicals are used to treat waste or control pollution).

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Toxics Use Reduction Report

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

POLYCHLORINATED BIPH
Chemical Name

Section 4: Toxics Use by Production Unit

2
a. Production Unit #

Use

b. Quantity of Chemical Code:

☐ 1. ≤ 5,000 lbs. ☑ 2. > 5,000 ≤ 10,000 lbs. ☐ 3. > 10,000 lbs. ≤ 100,000 lbs.

☐ 4. > 100,000 lbs. ≤ 500,000 lbs. ☐ 5. > 500,000 lbs.

c. 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?

☐ Yes ☑ No* *If your answer is No, skip ahead to g. below.

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 Code(s) (up to three per process code)		
d.1.	2.	3a.	3b.	3c.
e.1.	2.	3a.	3b.	3c.
f.1.	2.	3a.	3b.	3c.

Byproduct

g. Was byproduct generated for this chemical less than 1 percent of use in this production unit?

☐ Yes* ☑ No *If your answer is Yes, skip ahead to m. on Page 3.

h. Did the byproduct generated for 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?

☐ Yes ☑ No* *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)	Type of Change (Enter "I" for Increase, "D" for Decrease)	Technique Code(s) (up to three per process code)		
i.1.	2.	3a.	3b.	3c.
j.1.	2.	3a.	3b.	3c.
k.1.	2.	3a.	3b.	3c.

l. Are there more production units 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
POLYCHLORINATED BIPH	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).

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

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Toxics Use Reduction Report

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

POLYCHLORINATED BIPH
Chemical Name

Section 4: Toxics Use by Production Unit

3
a. Production Unit #

Use

b. Quantity of Chemical Code:

☑ 1. ≤ 5,000 lbs. ☐ 2. > 5,000 ≤ 10,000 lbs. ☐ 3. > 10,000 lbs. ≤ 100,000 lbs.

☐ 4. > 100,000 lbs. ≤ 500,000 lbs. ☐ 5. > 500,000 lbs.

c. 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?

☐ Yes ☑ No* *If your answer is No, skip ahead to g. below.

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 Code(s) (up to three per process code)		
d.1.	2.	3a.	3b.	3c.
e.1.	2.	3a.	3b.	3c.
f.1.	2.	3a.	3b.	3c.

Byproduct

g. Was byproduct generated for this chemical less than 1 percent of use in this production unit?

☐ Yes* ☑ No *If your answer is Yes, skip ahead to m. on Page 3.

h. Did the byproduct generated for 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?

☐ Yes ☑ No* *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)	Type of Change (Enter "I" for Increase, "D" for Decrease)	Technique Code(s) (up to three per process code)		
i.1.	2.	3a.	3b.	3c.
j.1.	2.	3a.	3b.	3c.
k.1.	2.	3a.	3b.	3c.

l. Are there more production units that use this chemical? ☐ Yes ☑ No

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – **Toxics Use Reduction Report**

Form S

Chemical Use Facility-Wide and by Production Units

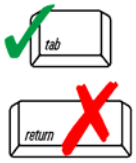
2010
Reporting Year

CLEAN HARBORS ENVIR
Facility Name

34839
DEP Facility ID Number

POLYCYCLIC AROMATIC
Chemical Name

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



Section 1: Facility-Wide Use of Listed Chemical

1040
a. MA DEP 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
c. Manufactured

0
d. Processed

156.
e. Otherwise Used

156
f. Generated as Byproduct

0
g. Shipped In Or As Product

.06
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

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.

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* ☑ 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? (Use ONLY if ALL chemicals are used to treat waste or control pollution).

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention - Toxics Use Reduction Report

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

POLYCYCLIC AROMATIC
Chemical Name

Section 4: Toxics Use by Production Unit

3
a. Production Unit #

Use

b. Quantity of Chemical Code:

☑ 1. ≤ 5,000 lbs. ☐ 2. > 5,000 ≤ 10,000 lbs. ☐ 3. > 10,000 lbs. ≤ 100,000 lbs.

☐ 4. > 100,000 lbs. ≤ 500,000 lbs. ☐ 5. > 500,000 lbs.

c. 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?

☐ Yes ☑ No* *If your answer is No, skip ahead to g. below.

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 Code(s) (up to three per process code)		
d.1.	2.	3a.	3b.	3c.
e.1.	2.	3a.	3b.	3c.
f.1.	2.	3a.	3b.	3c.

Byproduct

g. Was byproduct generated for this chemical less than 1 percent of use in this production unit?

☐ Yes* ☑ No *If your answer is Yes, skip ahead to m. on Page 3.

h. Did the byproduct generated for 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?

☐ Yes ☑ No* *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)	Type of Change (Enter "I" for Increase, "D" for Decrease)	Technique Code(s) (up to three per process code)		
i.1.	2.	3a.	3b.	3c.
j.1.	2.	3a.	3b.	3c.
k.1.	2.	3a.	3b.	3c.

l. Are there more production units 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
POLYCYCLIC AROMATIC	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).

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

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – Toxics Use Reduction Report

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

021840000
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	$1,850	$5,550
≥ 50 and < 100	$2,775	$7,400
≥ 100 and < 500	$4,625	$14,800
≥ 500	$9,250	$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 high hazard or low hazard chemicals:	3
h. Enter # of Form Ss you are filing for high hazard chemicals:	0
i. Enter # of Form Ss you are filing for low hazard chemicals:	0
j. ADD LINES g and h and multiply the result by $1,100.	3300
k. Add LINES f and LINE j.	5150
l. Enter the amount from LINE i or from the 3rd column of the schedule (Maximum Fee) WHICHEVER IS LESS	5150

Fee is the amount entered in LINE l. 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.