Massachusetts Department of Environmental Protection

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Document:	**Toxics Use Reduction Act (TURA) Reporting**
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Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Form S Cover Sheet

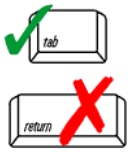
2008
Reporting Year

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

06/23/2009
b. Date (MM/DD/YYYY)

GERALD
c. First Name (Print)

PODLISNY
d. Last Name (Print)

COMPLIANCE MANAGER
e. Position/Title

podlisny.gerald@cleanharbors.com
f. Email Address

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Form S Cover Sheet

Reporting Year

Facility Name

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 CAS # of chemical not reportable (if applicable)

a.2 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

Form S Cover Sheet

Reporting Year

Facility Name

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.

1
a. Production Unit #

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

☐ Yes ☑ No

b. Describe the Process:

SOLVENT RECOVERY

c. Describe the Product:

RECLAIMED HALOGENATED SOLVENTS. TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1-1-1 TRICHLOROETHANE, AND TETRACHLOROETHYLENE.

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. **DD-02** 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

Reporting Year

Facility Name

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: 1 (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

Form S Cover Sheet

2008
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

2008
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 #: 1026 — Chemical Name: LEAD COMPOUNDS

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 #: — 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

Form S Cover Sheet

2008
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

2008
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 #: 1026 — Chemical Name: LEAD COMPOUNDS

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

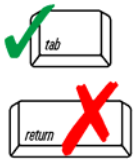
Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – **Toxics Use Report**

Form S

Chemical Use Facility-Wide and by Production Units

2008	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	POLYCHLORINATED BIPHENYLS
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.

0	0	
c. Manufactured	d. Processed	
123804	123804	
e. Otherwise Used	f. Generated as Byproduct	
0	h. ☑ Check here to input Form R or A information to MassDEP	1.65
g. Shipped In Or As Product		i. 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 Report - Form S

Chemical Use Facility-Wide and by Production Units

2008	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)		
GG-01 d.1.	I 2.	80 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 Report - Form S

Chemical Use Facility-Wide and by Production Units

2008	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 Sec. 2). If there is not a balance and/or the PU is < 0.2 or > 10 please explain.

PCBS RECEIVED INTO PLANT FROM GENERATORS AND SOLIDIFIED ON SITE. 4020 POUND WER DENT FOR INCINERATION AT CLEAN HARBORS DEAR PARK, LAPORTE TX. 119784 POUND WERE SENT TO CWM CHEMICAL SERVICES LLC MODEL CITY NY FOR LANDFILL DISPOSAL.

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

Form S

Chemical Use Facility-Wide and by Production Units

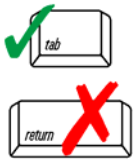
2008
Reporting Year

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

94
e. Otherwise Used

94
f. Generated as Byproduct

41
g. Shipped In Or As Product

h. ☑ Check here to input Form R or A information to MassDEP

0.26
i. 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 Report - Form S

Chemical Use Facility-Wide and by Production Units

2008	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)		
GG-04 d.1.	D 2.	80 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 Report - Form S

Chemical Use Facility-Wide and by Production Units

2008	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 Sec. 2). If there is not a balance and/or the PU is < 0.2 or > 10 please explain.

41 POUNDS PACS IN OIL SENT TO CLEAN HARBORS ENVIRONMENTAL SERVICES INC. FO RRECLAIM AND RETURN TO COMMERCE. 94 POUND PACS SENT FOR LANDFILL DISPOSAL AT BFI NIAGARA LANDFILL INC , 56TH STREET AND NIAGARA F ALLS NIAGARA FALLS

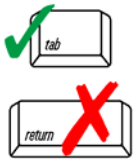
Massachusetts Department of Environmental Protection
Bureau of Waste Prevention – **Toxics Use Report**

Form S

Chemical Use Facility-Wide and by Production Units

2008	Reporting Year
CLEAN HARBORS ENVIR	Facility Name
34839	DEP Facility ID Number
LEAD COMPOUNDS	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

1026	LEAD COMPOUNDS
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.

0	0	
c. Manufactured	d. Processed	
103315	103315.	
e. Otherwise Used	f. Generated as Byproduct	
0	☑ h. Check here to input Form R or A information to MassDEP	0.67
g. Shipped In Or As Product		i. 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 Report - Form S

Chemical Use Facility-Wide and by Production Units

2008	Reporting Year
CLEAN HARBORS ENVIR	Facility Name
34839	DEP Facility ID Number
LEAD COMPOUNDS	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)		
GG-01 d.1.	D 2.	80 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 Report - Form S

Chemical Use Facility-Wide and by Production Units

2008	Reporting Year
CLEAN HARBORS ENVIR	Facility Name
34839	DEP Facility ID Number
LEAD COMPOUNDS	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 Sec. 2). If there is not a balance and/or the PU is < 0.2 or > 10 please explain.

1620 LBS LEAD COMPOUNDS RECEIVED INTO PLANT WERE STABILIZED AND SHIPPED OFF SITE FOR LANDFILL DISPOSAL AT CWM CHEMICAL SERVICES LLC, MODEL CITY NY. 101695 LBS LEAD COMPOUNDS RECEIVED INTO PLANT WERE SHIPPED OFF SITE FOR LANDFILL DISPOSAL AT CWM CHEMICAL SERVICES LLC, MODEL CITY NY.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Toxics Use Fee Worksheet

2008
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 **2008** 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

Determine your base fee by referring to the 2nd column above. **1850** f.

Enter # of Form Ss you are filing: **3** g.

Multiply LINE g by $1,100. **3300** h.

Add LINE f and LINE h. **5150** i.

Enter the amount from LINE i or from the 3rd column of the schedule (Maximum Fee) WHICHEVER IS LESS **5150** j.

Your fee is the amount entered in LINE j. DO NOT SEND YOUR PAYMENT with your toxics use report. DEP will send a bill in the amount owed after receipt of your report. **Payment is DUE 30 days after your receipt of the billing document.**