



Clean Harbors Florida, LLC.  
7001 Kilo Avenue  
Bartow, Florida 33830  
863.533.6111  
www.cleanharbors.com

FLA 0000000000  
Florida Department of Environmental  
Protection

OCT 15 2019

Permitting & Compliance  
Assessment Unit

October 11, 2019

SENT FEDERAL EXPRESS

Environmental Administrator  
Hazardous Waste Program & Permitting Section M.S. 4560  
Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Re: Un-manifested Waste Report**

To whom it concerns:

Pursuant to 40 CFR 264.76 as adopted by the Florida Department of Environmental Protection, this correspondence is being submitted to provide the following information:

- 1) Facility EPA ID #, name, and address: FLD980729610; Clean Harbors Florida, LLC; 7001 Kilo Avenue, Bartow, FL 33830
- 2) Date facility received waste: 10/02/19
- 3) EPA ID #, name and address of generator and transporter:  
Generator – FLR000079715, Caterpillar Americas Co., 15550 NW 59<sup>th</sup> Avenue, Miami Lakes, FL 33014  
Transporter – TXR000081205, Safety-Kleen Systems, Inc., 2600 North Central Expressway, Suite 400, Richardson, TX 75080
- 4) Description and quantity of un-manifested hazardous waste as received:  
See Attachments
- 5) Method of treatment, storage or disposal for the subject hazardous waste: S01/H141
- 6) I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on the inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Name: John Bosek

Title: General Manager

Signature: \_\_\_\_\_



**ENVIRONMENTAL SERVICES®**

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- 7) Explanation as to why waste was un-manifested: Upon arrival at designated receiving facility, drum was found to not match the original profile used to classify the material. Generator was notified of the off-specification findings, and a new profile, 1919201, was provided by them on 10/11/19 to reclassify the material with the proper shipping description of UN1993, Waste Flammable Liquid, N.O.S., (ethylene glycol, gasoline), 3, PG III, with RCRA waste codes D001 and D018.

Please contact me at (863) 519-6331 or [bosek.john@cleanharbors.com](mailto:bosek.john@cleanharbors.com) with any questions or comments concerning this matter.

Sincerely,

John Bosek  
Facility General Manager

Attachments

cc:

Hazardous Waste Supervisor  
Department of Environmental Protection  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926

Bartow Customer File



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Bartow, Florida 33830

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## Attachment

<b>BILL OF LADING/MANIFEST</b>		1. Shipper's US EPA ID No. (If Applicable) <b>FLR000079715</b>	Document No. <b>68078</b>	2. Page 1 of <b>1</b>																									
3. Shipper's Name and Mailing Address <b>Caterpillar Americas Co. 15550 NW 59th Ave Supplier Code-F3209W0 MIAMI LAKES FL 33014-6712</b>																													
4. Shipper's Phone ( ) <b>305-816-3346</b>																													
5. Transporter 1 Company Name <b>SAFETY-KLEEN SYSTEMS INC</b>		6. US EPA ID Number <b>FLD980729610</b>	A. Transporter's Phone <b>972-253-2000</b>																										
7. Transporter 2 Company Name <b>Clean Harbors Florida LLC</b>		8. US EPA ID Number <b>FLD980729610</b>	B. Transporter's Phone <b>863-533-6111</b>																										
9. Designated Facility Name and Site Address <b>CLEAN HARBORS FLORIDA LLC 7001 KILO AVENUE BARTON FL 33830</b>		10. US EPA ID Number <b>FLD980729610</b>	C. Facility's Phone <b>863-533-6111</b>																										
11. Shipping Name and Description			12. Containers	13. Total Quantity																									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%; text-align: center;">HM</td> <td style="width:95%;"></td> </tr> <tr> <td style="text-align: center;">a.</td> <td>N/A, NON DOT REGULATED MATERIAL, (ABSORBENTS AND OIL MIXTURE), N/A</td> </tr> <tr> <td style="text-align: center;">b.</td> <td><del>NONE, NON-RCRA HAZARDOUS WASTE, LIQUIDS, (ETHYLENE GLYCOL AND PROPYLENE GLYCOL BASED ANTIFREEZE), N/A</del></td> </tr> <tr> <td style="text-align: center;">c.</td> <td><b>X UN1993, Waste Flammable Liquids, N254, (ethylene glycol, gasoline), 3, PGII</b></td> </tr> <tr> <td style="text-align: center;">d.</td> <td></td> </tr> </table>			HM		a.	N/A, NON DOT REGULATED MATERIAL, (ABSORBENTS AND OIL MIXTURE), N/A	b.	<del>NONE, NON-RCRA HAZARDOUS WASTE, LIQUIDS, (ETHYLENE GLYCOL AND PROPYLENE GLYCOL BASED ANTIFREEZE), N/A</del>	c.	<b>X UN1993, Waste Flammable Liquids, N254, (ethylene glycol, gasoline), 3, PGII</b>	d.		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">No.</td> <td style="width:10%;">Type</td> <td style="width:40%;">Total Quantity</td> <td style="width:40%;">Unit Wt/Vol</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">DM</td> <td style="text-align: center;">600</td> <td style="text-align: center;">P</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">DM</td> <td style="text-align: center;">300</td> <td style="text-align: center;">P</td> </tr> <tr> <td style="text-align: center;">001</td> <td style="text-align: center;">DM</td> <td style="text-align: center;">0.0300</td> <td style="text-align: center;">P</td> </tr> </table>	No.	Type	Total Quantity	Unit Wt/Vol	3	DM	600	P	1	DM	300	P	001	DM	0.0300	P
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3	DM	600	P																										
1	DM	300	P																										
001	DM	0.0300	P																										
15. Special Handling Instruction and Additional Information  <div style="text-align: center;"> <b>SK SHIP# 229524224 CA52070</b>  <b>24H EMERG# 800-468-1760 (CH-SK-TFI)-TRANS AUTH TO RETAIN ADD'L CARRIERS</b>  <b>DOT/PREF A. 7743032/1145346 B. 8008093/1517766 C. 1717201 D.</b>  <b>A) NONE B) NONE C) 1 D)</b>  <b>DOT, 2013 E</b>  <b>190503432X</b> </div>																													
16a. US DOT HAZARDOUS MATERIALS SHIPPER'S CERTIFICATION: *This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.																													
Printed/Typed Name		Signature required here if US DOT regulated		Month Day Year																									
16b. NON-REGULATED SHIPPER'S CERTIFICATION: I certify the materials described above on this form are not subject to federal regulations for Transportation or Disposal.																													
Printed/Typed Name		Sign here if material is not DOT regulated		Month Day Year																									
<b>X</b> <i>[Signature]</i>		<b>X</b> <i>[Signature]</i>		<b>9</b> <b>24</b> <b>11</b>																									
17. Transporter 1 Acknowledgement of Receipt of Materials																													
Printed/Typed Name		Signature		Month Day Year																									
<i>[Signature]</i>		<i>[Signature]</i>		<b>9</b> <b>24</b> <b>11</b>																									
18. Transporter 2 Acknowledgement of Receipt of Materials																													
Printed/Typed Name		Signature		Month Day Year																									
<i>[Signature]</i>		<i>[Signature]</i>		<b>10</b> <b>1</b> <b>11</b>																									
19. Discrepancy Indication Space																													
20. Facility Owner or Operator: Certification of receipt of materials covered by this form except as noted in Item 19.																													
Printed/Typed Name		Signature		Month Day Year																									
<b>Sandy Wilkerson</b>		<i>[Signature]</i>		<b>10</b> <b>02</b> <b>11</b>																									

THE HAZARDOUS WASTES IDENTIFIED ON THE HAZARDOUS WASTE MANIFEST IDENTIFIED ABOVE AND BEARING THE EPA HAZARDOUS WASTE CODES LISTED BELOW ARE RESTRICTED WASTES WHICH ARE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT UNDER THE LAND DISPOSAL RESTRICTIONS, 40 CFR PART 268 AND RCRA SECTION 3004(D). IN ACCORDANCE WITH 40 CFR 268.7(a)(2), THE EPA WASTE CODE, WASTE SUBCATEGORY, AND TREATABILITY GROUPS, AS APPLICABLE, ARE INCLUDED BELOW.

INSTRUCTIONS -- COMPLETE ALL SECTIONS. REFER TO PAGE 3 OF THIS FORM FOR KEY TERMS/DEFINITIONS.

Column 1 - Line Item: Enter the manifest line item number (e.g., 11a) that corresponds to the waste code(s).

Column 2 - Waste Codes/Subcategory: Check off all applicable waste codes. For D001 through D043, also check applicable subcategory; for F001 through F005, check applicable constituents.

Column 3 - Wastewater/Non-wastewater: Check off "WW" for wastewater and "Non-WW" for non-wastewaters.

Column 4 - LDR Handling Code: Circle the appropriate handling code, as follows:

1 - The waste is a characteristic hazardous waste D001, D002, D003, D004-D011, or D018-43 which is intended for treatment/disposal in a CWA system, CWA-equivalent system, or Class I SDWA system. Underlying Hazardous Constituents (UHC's) are NOT required to be identified.

1A - The waste is a characteristic hazardous waste D001 High TOC Ignitable Liquids Subcategory (i.e., greater than or equal to 10% TOC). Pursuant to 40 CFR 268.40, the waste must be treated using organic recovery (RORGs) or combustion (CMBST) technology. UHC's are NOT required to be identified.

2 - The waste is a characteristic hazardous waste D001 (other than High TOC Ignitable Liquids), D002, D003 Explosive, Water Reactive or Other Reactive subcategory, D004-D011, D012-17 non-wastewater, or D018-43 which is intended for treatment/disposal in a non-CWA system, non-CWA-equivalent system, or non-Class I SDWA system located in the United States. All UHC's which are reasonably expected to be present must be identified, except for D001 waste that is intended to be treated using organic recovery (RORGs) or combustion (CMBST) technologies. Identify UHC's by completing Sections I and IV of CHI Form LDR-1 Addendum and attach completed Addendum to this form.

3 - The waste is a characteristic (i.e., D-code) or listed (i.e., F-, K-, U-, or P-code) hazardous waste which is intended for export and treatment/disposal at a facility located outside the United States. LDR treatment standards do not apply to hazardous waste treated/disposed in a foreign country, and per USEPA guidance, the identification of UHC's (if applicable) is not required for hazardous waste that is intended to be exported. Note however that if the exported waste is subsequently returned for treatment/disposal in the United States, all applicable LDR regulations would apply and a revised LDR notification would be required.

4 - The waste meets the definition of hazardous debris pursuant to 40 CFR 268.2(h) and is intended for treatment/disposal in compliance with the alternate debris treatment technologies of 40 CFR 268.45. In accordance with the requirements of 40 CFR 268.7(a)(2): the contaminants subject to treatment (CSTT's) must be identified as part of this notification. Identify CSTT's by completing Sections III and IV of CHI Form LDR-1 Addendum and attach completed Addendum to this form. These constituents are being treated to comply with 40 CFR 268.45.

5 - The waste is a characteristic waste D003 Reactive Sulfide, Reactive Cyanide, or Unexploded Ordnance subcategory, a characteristic waste D012-17 wastewater, or a listed (i.e., F-, K-, U-, or P-code) hazardous waste. UHC's are NOT required to be identified.

6 - The waste is a lab pack that is intended for incineration using the alternative lab pack treatment standard under 40 CFR 268.42(c). UHC's are NOT required to be identified; however, the generator must complete and attach the lab pack certification statement on CHI Form LDR-LP. Note that in accordance with 40 CFR Part 268 Appendix IV, lab packs which contain waste codes D009, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151 are not eligible for alternative lab pack treatment standard.

\*\*\* NOTE: IF THE WASTE IS A SOIL CONTAMINATED WITH A LISTED OR CHARACTERISTIC WASTE AND THE GENERATOR WANTS TO USE THE ALTERNATE TREATMENT STANDARD FOR SOILS, CONTACT CORPORATE COMPLIANCE FOR THE APPROPRIATE LDR NOTIFICATION FORM.

SECTION I. CHARACTERISTIC WASTES D001 THROUGH D043

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
<u>3</u>	<input type="checkbox"/> D001 Ignitables, except High TOC subcategory	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	<u>1</u> 2 3 4 6
	<input checked="" type="checkbox"/> D001 High TOC Ignitable Liquids Subcategory (Greater than or equal to 10% TOC)	<input checked="" type="checkbox"/> Non WW only	<u>1A</u> 3 6
	<input type="checkbox"/> D002 Corrosives	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D003		
	<input type="checkbox"/> Reactive Sulfide, per 261.23(a)(5)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 3 4 5 6
	<input type="checkbox"/> Reactive Cyanide, per 261.23(a)(5)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 3 4 5 6
	<input type="checkbox"/> Explosive, per 261.23(a)(6), (7) & (8)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Water Reactive, per 261.23(a)(2), (3) & (4)	<input type="checkbox"/> Non WW only	1 2 3 4 6
	<input type="checkbox"/> Other Reactive, per 261.23(a)(1)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Unexploded Ordnance, Emergency Response	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 3 4 5 6
	<input type="checkbox"/> D004 Arsenic	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D005 Barium	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D006	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Cadmium	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Cadmium Containing Batteries	<input type="checkbox"/> Non WW only	2 3 6
	<input type="checkbox"/> D007 Chromium	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D008		
	<input type="checkbox"/> Lead	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Lead Acid Batteries	<input type="checkbox"/> Non WW only	2 3 6

SECTION I. CHARACTERISTIC WASTES D001 THROUGH D043 (continued)

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
	<input type="checkbox"/> D009		
	<input type="checkbox"/> Low Mercury, less than 260 mg/kg Mercury	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> High Mercury Organic Subcategory	<input type="checkbox"/> Non-WW only	2 3 6
	<input type="checkbox"/> High Mercury Inorganic Subcategory	<input type="checkbox"/> Non-WW only	2 3 6
	<input type="checkbox"/> D010 Selenium	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D011 Silver	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D012 Endrin	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	2 3 4 5 6
	<input type="checkbox"/> D013 Lindane	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	2 3 4 5 6
	<input type="checkbox"/> D014 Methoxychlor	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	2 3 4 5 6
	<input type="checkbox"/> D015 Toxaphene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	2 3 4 5 6
	<input type="checkbox"/> D016 2,4-D	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	2 3 4 5 6
3	<input checked="" type="checkbox"/> D017 2,4,5-TP (Silvex)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	2 3 4 5 6
	<input type="checkbox"/> D018 Benzene	<input type="checkbox"/> WW <input checked="" type="checkbox"/> Non-WW	2 3 4 6
	<input type="checkbox"/> D019 Carbon tetrachloride	<input type="checkbox"/> WW <input checked="" type="checkbox"/> Non-WW	2 3 4 6
	<input type="checkbox"/> D020 Chloroform	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D021 Chlorobenzene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D022 Chloroform	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D023 o-Cresol	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D024 m-Cresol	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D025 p-Cresol	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D026 Cresol	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D027 1,4-Dichlorobenzene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D028 1,2-Dichloroethane	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D029 1,1-Dichloroethylene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D030 2,4-Dinitrotoluene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D031 Heptachlor (and its epoxide)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D032 Hexachlorobenzene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D033 Hexachlorobutadiene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D034 Hexachloroethane	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D035 Methyl ethyl ketone	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D036 Nitrobenzene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D037 Pentachlorophenol	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D038 Pyridine	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D039 Tetrachloroethylene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D040 Trichloroethylene	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D041 2,4,5-Trichlorophenol	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D042 2,4,6-Trichlorophenol	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D043 Vinyl Chloride	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6

SECTION II. SPENT SOLVENT WASTES F001 THROUGH F005

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / CONSTITUENTS	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
	<input type="checkbox"/> F001 <input type="checkbox"/> F002 <input type="checkbox"/> F003 <input type="checkbox"/> F004 <input type="checkbox"/> F005	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	3 4 5 6
	<input type="checkbox"/> 1. ALL F001-F005		
	<input type="checkbox"/> 2. Acetone	<input type="checkbox"/> 12. Cyclohexanone	<input type="checkbox"/> 25. Pyridine
	<input type="checkbox"/> 3. Benzene	<input type="checkbox"/> 13. o-Dichlorobenzene	<input type="checkbox"/> 26. Tetrachloroethylene
	<input type="checkbox"/> 4. n-Butyl alcohol	<input type="checkbox"/> 14. 2-Ethoxyethanol (F005 only)	<input type="checkbox"/> 27. Toluene
	<input type="checkbox"/> 5. Carbon disulfide	<input type="checkbox"/> 15. Ethyl acetate	<input type="checkbox"/> 28. 1,1,1-Trichloroethane
	<input type="checkbox"/> 6. Carbon tetrachloride	<input type="checkbox"/> 16. Ethyl benzene	<input type="checkbox"/> 29. 1,1,2-Trichloroethane
	<input type="checkbox"/> 7. Chlorobenzene	<input type="checkbox"/> 17. Ethyl ether	<input type="checkbox"/> 30. Trichloroethylene
	<input type="checkbox"/> 8. o-Cresol	<input type="checkbox"/> 18. Isobutyl alcohol	<input type="checkbox"/> 31. 1,1,2-Trichloro-1,2,2-trifluoroethane
	<input type="checkbox"/> 9. m-Cresol (difficult to distinguish from p-cresol)	<input type="checkbox"/> 19. Methanol	<input type="checkbox"/> 32. Trichloromonofluoromethane
	<input type="checkbox"/> 10. p-Cresol (difficult to distinguish from m-cresol)	<input type="checkbox"/> 20. Methylene chloride	<input type="checkbox"/> 33. Xylene - mixed isomers (sum of o-, m-, and p-xylene)
	<input type="checkbox"/> 11. Cresol - mixed isomers (sum of o-, m- and p-cresol)	<input type="checkbox"/> 21. Methyl ethyl ketone	
		<input type="checkbox"/> 22. Methyl isobutyl ketone	
		<input type="checkbox"/> 23. Nitrobenzene	
		<input type="checkbox"/> 24. 2-Nitropropane (F005 only)	



CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
LAND DISPOSAL RESTRICTYION NOTIFICATION FORM LDR-1

MANIFEST NO.: 68078

SECTION III. CALIFORNIA LIST WASTES

COLUMN 1: LINE ITEM CODE SEE MANIFEST	COLUMN 2: WASTE CODE / CONSTITUENTS	COLUMN 3: WASTEWATER/  NON-WASTEWATER	COLUMN 4: HANDLING
_____	Hazardous waste containing one or more of the following California List constituents:  <input type="checkbox"/> ALL CALIFORNIA LIST CONSTITUENTS <input type="checkbox"/> Liquids with nickel greater than or equal to 134 mg/l <input type="checkbox"/> Liquids with thallium greater than or equal to 130 mg/l <input type="checkbox"/> Liquids with PCB's > or = 50 ppm <input type="checkbox"/> Waste containing HOC's > or = 1,000 mg/kg	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 5 6

SECTION IV. OTHER LISTED WASTES (F006-12, F019-F028, F037-38, F039, K-, U-, AND P-CODES)

COLUMN 1: LINE ITEM CODE SEE MANIFEST	COLUMN 2: WASTE CODE / CONSTITUENTS	COLUMN 3: WASTEWATER/  NON-WASTEWATER	COLUMN 4: HANDLING
_____	_____	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	3 4 5 6
_____	_____	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	3 4 5 6
_____	_____	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	3 4 5 6
_____	_____	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	3 4 5 6
_____	_____	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	3 4 5 6

☐ CHECK HERE IF ADDITIONAL LISTED WASTE CODES ARE PRESENT. COMPLETE AND ATTACH LDR-1 CONTINUATION SHEET.  
☐ CHECK HERE IF WASTE CODE F039 (MULTISOURCE LEACHATE) IS PRESENT. IDENTIFY F039 CONSTITUENTS BY COMPLETING  
SECTIONS II AND IV OF CHI FORM LDR-1 ADDENDUM AND ATTACH COMPLETED ADDENDUM TO THIS FORM.

SECTION V. CONTACT NAME AND DATE

Print Name: LAVENIA MITCHELL Date: 09/24/19

KEY TERMS/DEFINITIONS

CLASS I SDWA SYSTEM means a Class I deep well facility regulated under the Safe Drinking Water Act (SDWA).

CWA SYSTEM means a centralized wastewater treatment facility discharging under a Clean Water Act (CWA) permit. For example, a CWA facility would treat organic or inorganic aqueous wastes and discharge the treated effluent to the local sewer system. Examples of CWA treatment systems owned and operated by Clean Harbors include the wastewater treatment operations at Baltimore (including the CES system), Bristol, Chicago, Cincinnati and Cleveland.

CWA-EQUIVALENT SYSTEM means a "zero discharge system" that engages in "CWA-equivalent" treatment before land disposal. Zero-discharge facilities treat hazardous wastes using "CWA-equivalent" treatment methods, but do not discharge the treatment effluent to a sewer or water body (e.g., spray irrigation land farm). "CWA-equivalent" treatment methods means biological treatment for organics, alkaline chlorination, or ferrous sulfate precipitation for cyanide, precipitation/ sedimentation for metals, reduction of hexavalent chromium, or other treatment technology that can be demonstrated to perform equally or greater than these technologies.

HIGH TOC IGNITABLE LIQUIDS SUBCATEGORY means an ignitable liquid hazardous waste (waste code D001) which contains greater than or equal to 10% total organic carbon (TOC). Pursuant to 40 CFR 268.40, such wastes must be treated using organic recovery (RORGs) or combustion (CMBST) technology. Examples of RORGs technologies include the CES unit at Clean Harbors of Baltimore. Examples of CMBST technologies include hazardous waste fuel blending and subsequent reuse at a cement kiln, or destruction at a RCRA incinerator.  
WASTEWATERS are wastes that contain less than 1% by weight total organic carbon (TOC) and less than 1% by weight total suspended solids (TSS). [See 40 CFR 268.2(f)]