

NON-HAZARDOUS WASTE MANIFEST

LF4314658-004

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <p style="text-align: center; font-size: 1.2em;">NONREQUIRED</p>		Manifest Document No. NH14658-01	2. Page 1 of 1
3. Generator's Name and Mailing Address US Environmental Protection Agency Region 9 (SFD-7-3) 75 Hawthorne Street San Francisco CA 94150				Site Address: 11905 Pluton Street Norwalk, CA 90650	
4. Generator's Phone (415)972-3302 ATTN: Lynda Deschambault					
5. Transporter 1 Company Name Clean Harbors Environmental Services Inc		6. US EPA ID Number MAD039322250		A. State Transporter's ID	
				B. Transporter 1 Phone (781) 792-5000	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Crosby & Overton 1610 West 17th Street Long Beach, CA 90813				10. US EPA ID Number CAD028409019	
				E. State Facility's ID 9060019499	
				F. Facility's Phone (562) 432-5445	
11. WASTE DESCRIPTION			Containers		13. Total Quantity
			No.	Type	
a. NON HAZARDOUS, NON D.O.T. REGULATED LIQUID, OILY WATER			1	TT	1400
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above 11a.85539				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information PO# W120276289				EMERGENCY PHONE #: (800) 483-3718 GENERATOR: US Environmental Protection Agency	
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Matthew Mayny CRM Hill agent for USEPA					Date Month Day Year 6 / 12
Signature <i>[Signature]</i> agent for USEPA					Date Month Day Year 06 / 01 / 12
17. Transporter 1 Acknowledgement of Receipt of Materials					Date
Printed/Typed Name MANUEL DE LA TORRE					Date Month Day Year 06 / 01 / 12
Signature <i>[Signature]</i>					Date Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials					Date
Printed/Typed Name					Date Month Day Year
Signature					Date Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name					Date Month Day Year
Signature					Date Month Day Year

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

NON-HAZARDOUS WASTE MANIFEST

LF4314658-005

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3. Generator's Name and Mailing Address US Environmental Protection Agency Region 9 (SFD-7-3) 75 Hawthorne Street San Francisco CA 94150				Site Address : 11905 Pluton Street Norwalk, CA 90650		
4. Generator's Phone ((415) 972-3302) ATTN: Lynda Deschambault						
5. Transporter 1 Company Name Clean Harbors Environmental Services Inc		6. US EPA ID Number MAD039322250		A. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone (781) 792-5000		
9. Designated Facility Name and Site Address Clean Harbors Buttonwillow LLC 2500 West Lokem Road Buttonwillow, CA 93206		10. US EPA ID Number CAD980675276		C. State Transporter's ID		
				D. Transporter 2 Phone		
				E. State Facility's ID CAD980675276		
				F. Facility's Phone (661) 762-6200		
11. WASTE DESCRIPTION			Containers		13. Total Quantity	14. Unit Wt./Vol.
			No.	Type		
a. NON HAZARDOUS, NON D.O.T. REGULATED MATERIAL, (SOIL FROM WELL DEVELOPMENT)			001	CM	10	Y
b.						
c.						
d.						
G. Additional Descriptions for Materials Listed Above 11a.CH568708B Bin # CHHT 20028			H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information			EMERGENCY PHONE #: (800) 483-3718 GENERATOR: US Environmental Protection Agency			
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.						
Printed/Typed Name CHAM/III Matthew Mayry agent for USEPA				Signature <i>[Signature]</i> agent for USEPA		Date Month Day Year 6 / 1 / 12
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>		Date Month Day Year 6 / 1 / 12
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.						
Printed/Typed Name				Signature		Date Month Day Year

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

WASTE PRODUCT QUESTIONNAIRE

I. GENERAL INFORMATION

FAX (562) 495-2181

Generator Name US Environmental Protection Agency Billing Name Clean Harbors Environmental Services
 Address 11905 Pluton Street Address 2500 E Victoria Street
 City, State, Zip Norwalk, CA 90650 City, State, Zip Compton, CA 90220
 Contact _____ Contact Oscar Perez
 Phone _____ Fax _____ Phone 310-764-5851 ext 208 Fax 310-764-5863
 EPA Number Not Applicable

II. WASTE PRODUCT DESCRIPTION & CHARACTERISTICS

A. Waste Product Common Name Ground Water from Well Development

1. Process Generating Waste Development water from well installation at a CERCLA site contaminated by solvents from a commingled plume in groundwater that originated from many sources (Contained in 20,000 gallon Baker Tank)

B. Hazardous Properties:

1. U.S. EPA Hazardous Waste? Yes No
 2. State Code (s): NA
 EPA Code (s): NA
 c. Is Waste Product: Shock Sensitive Reactive Radioactive Pyrophoric Etiological None

C. Physical Properties at 70° F:

1. Physical State: Solid Sludge Liquid Empty Container Aerosol
 Any free liquids at 70° F Yes No
 2. Layers: Multilayered Bi-Layered Homogenous
 3. Flash Point (Closed Cup Only): <70° F 70-100° F 101-139° F 140-200° F No Flash Exact _____
 4. Viscosity similar to: Water Motor Oil Honey Other _____

D. 1. Density

Liquid 8.0 lbs/gallon
 Solid _____ lbs/cubic ft.
 Any debris in waste: Yes No
 Explain _____
 2. % Solids: By Weight By Volume
 Total 1-5%
 3. Odor: None Strong Mild
 Describe: _____
 4. Ph.: < 2 2 - 5 5.1 - 9 9.1 - 12.5 >12.5 Exact _____

E. Chemical Composition (Account for 100% of total):

Component	Range	Metals	Pesticides, Herbicides: PPM
Ground Water	99 - 100 %	Total (PPM)	Endrin <u>No Documented Use</u>
Soil Solids	2 - 5 %	EP Toxicity (mg/l)	Lindane <u>No Documented Use</u>
		Arsenic (As) <u>40 ug/l</u>	Methoxychlor <u>No Documented Use</u>
		Barium (Ba) <u>750 ug/l</u>	Toxaphene <u>No Documented Use</u>
		Cadmium (Cd) <u>ND</u>	2,4-D <u>No Documented Use</u>
		Chromium (Cr) <u>249 ug/l</u>	2,4,5-TP <u>No Documented Use</u>
		Copper (Cu) <u>130 ug/l</u>	Other <u>Per Generator Knowledge</u>
		Lead (Pb) <u>55 ug/l</u>	
		Mercury (Hg) <u>Not Analyzed</u>	
		Nickel (Ni) <u>80 ug/l</u>	Reactives & Other Wastes (PPM):
		Selenium (Se) <u>14 ug/l</u>	Cyanides _____ Dioxin _____
		Silver (Ag) <u>ND</u>	Sulfides _____ PCBs _____
		Zinc (Zn) <u>710 ug/l</u>	HOC _____ Phenols _____

F. Shipping and Handling Information:

1. D.O.T. Hazardous Material? Yes No
 2. Proper D.O.T. Shipping Name: Non Hazardous Waste Liquids
 3. D.O.T. Hazard Class: NA 4. D.O.T. ID Number: NA PG: NA
 5. Method of Shipment: _____ Drum and/or Bulk _____ Other _____
 6. D.O.T. Shipping Container: _____
 7. Projected Volume: _____ Tons 20,000 Gallons _____ Cubic Yards _____ Other _____
 8. RQ Amount: _____
 Per One Time _____ Week _____ Month _____ Quarter _____ Year
 Comments: _____

III. GENERATOR CERTIFICATION STATEMENT

I hereby certify that as an authorized representative of the generator named above, all information submitted in this and all attached documents is true and accurate. Analysis of the waste was conducted in accordance with the approved test methods in 40 CFR 261 on a representative sample defined in 40 CFR 261.20. To the best of my knowledge, all known (40 CFR 261) and suspected hazardous components have been included in this documentation. All material and packaging will comply with all current regulations.

Signature [Signature] Title agent for USEPA Date 5-30-12



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH568708B

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PENDING** GENERATOR NAME: **US Environmental Protection Agency**
 GENERATOR CODE (Assigned by Clean Harbors) **US3274** CITY **Norwalk** STATE/PROVINCE **CA** ZIP/POSTAL CODE **90650**
 ADDRESS **11905 Pluton Street** PHONE: **(562) 929-8176**
 CUSTOMER CODE (Assigned by Clean Harbors) **CA10731** CUSTOMER NAME: **Cascade Drilling LP**
 ADDRESS **555 South Harbor Boulevard** CITY **La Habra** STATE/PROVINCE **CA** ZIP/POSTAL CODE **90631**

B. WASTE DESCRIPTIONWASTE DESCRIPTION: **Non Haz Soil**PROCESS GENERATING WASTE: **Soil from Well Installation**IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No****C. PHYSICAL PROPERTIES (at 25C or 77F)**

PHYSICAL STATE <input checked="" type="checkbox"/> SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS 1 2 3 TOP 0.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 0.00		VISCOSITY (If liquid present) 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	COLOR various
	ODOR <input checked="" type="checkbox"/> NONE MILD STRONG Describe:	BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) >= 130 (>54)	MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	TOTAL ORGANIC CARBON <input checked="" type="checkbox"/> <= 1% 1-9% >= 10%
FLASH POINT °F (°C) < 73 (<23) 73 - 100 (23-38) 101 -140 (38-60) 141 -200 (60-93) > 200 (>93)	pH <= 2 2.1 - 6.9 <input checked="" type="checkbox"/> 7 (Neutral) 7.1 - 12.4 >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) <input checked="" type="checkbox"/> > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 <input checked="" type="checkbox"/> > 20 0.1 - 1.0 Unknown 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:

D. COMPOSITION

(List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL**DEBRIS (PPE, USED SAMPLING EQUIP, VISQUEEN)****SOIL**

	MIN	--	MAX	UOM
DEBRIS (PPE, USED SAMPLING EQUIP, VISQUEEN)	1.0000000	--	2.0000000	%
SOIL	98.0000000	--	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. **G39**SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W301**



E. CONSTITUENTS

Are these values based on testing or knowledge?

Knowledge Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIUM	100.0				<input checked="" type="checkbox"/>
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>
D008	LEAD	5.0				<input checked="" type="checkbox"/>
D009	MERCURY	0.2				<input checked="" type="checkbox"/>
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>
D011	SILVER	5.0				<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS						
D018	BENZENE	0.5				
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	6.0				
D028	1,2-DICHLOROETHANE	0.5				
D029	1,1-DICHLOROETHYLENE	0.7				
D035	METHYL ETHYL KETONE	200.0				
D039	TETRACHLOROETHYLENE	0.7				
D040	TRICHLOROETHYLENE	0.5				
D043	VINYL CHLORIDE	0.2				
SEMI-VOLATILE COMPOUNDS						
D023	o-CRESOL	200.0				
D024	m-CRESOL	200.0				
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
PESTICIDES AND HERBICIDES						
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			<input checked="" type="checkbox"/>
CHLORINE			<input checked="" type="checkbox"/>
FLUORINE			<input checked="" type="checkbox"/>
IODINE			<input checked="" type="checkbox"/>
SULFUR			<input checked="" type="checkbox"/>
POTASSIUM			<input checked="" type="checkbox"/>
SODIUM			<input checked="" type="checkbox"/>
AMMONIA			<input checked="" type="checkbox"/>
CYANIDE AMENABLE			<input checked="" type="checkbox"/>
CYANIDE REACTIVE			<input checked="" type="checkbox"/>
CYANIDE TOTAL			<input checked="" type="checkbox"/>
SULFIDE REACTIVE			<input checked="" type="checkbox"/>

HOCs	PCBs
<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> NONE
<input type="checkbox"/> < 1000 PPM	<input type="checkbox"/> < 50 PPM
<input type="checkbox"/> >= 1000 PPM	<input type="checkbox"/> >= 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES NO (If yes, explain)

CHOOSE ALL THAT APPLY

- DEA REGULATED SUBSTANCE
- EXPLOSIVE
- FUMING
- OSHA REGULATED CARCINOGENS
- POLYMERIZABLE
- RADIOACTIVE
- REACTIVE MATERIAL
- NONE OF THE ABOVE



F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?

YES NO DO ANY STATE WASTE CODES APPLY?
Texas Waste Code

YES NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?
LDR CATEGORY: **Not subject to LDR**
VARIANCE INFO:

YES NO IS THIS A UNIVERSAL WASTE?

YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?
Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?
YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?
YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?
What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)
The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing
Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:
NONE, NON HAZARDOUS, NON D.O.T. REGULATED MATERIAL, N/A

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER Other

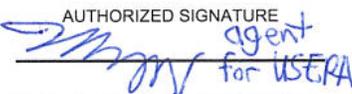
<p>CONTAINERIZED</p> <p>0-0 CONTAINERS/SHIPMENT</p> <p>STORAGE CAPACITY:</p> <p>CONTAINER TYPE:</p> <p>CUBIC YARD BOX PALLET</p> <p>TOTE TANK DRUM</p> <p>OTHER: DRUM SIZE:</p>	<p>BULK LIQUID</p> <p>GALLONS/SHIPMENT: 0 Min -0 Max</p> <p>GAL.</p>	<p><input checked="" type="checkbox"/> BULK SOLID</p> <p>SHIPMENT UOM: <input checked="" type="checkbox"/> TON YARD</p> <p>TONS/YARDS/SHIPMENT: 10.00 Min - 20.00 Max</p>
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I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE 	NAME (PRINT) <u> Matt Mayry </u>	TITLE <u> Chem Hill agent for USEPA </u>	DATE <u> 5-30-12 </u>
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