



PUMA ENERGY CARIBE, L.L.C

August 21, 2012

***Delivered Via Electronic Mail &
Certified Mail***

Mr. Christopher Jimenez
On-Scene Coordinator
Deputy Regional Incident Coordinator
Emergency and Remedial Response Division
United States Environmental Protection Agency, Region II
2890 Woodbridge Avenue
Edison, New Jersey 08837

jimenez.christopher@epa.gov

Subject: CWA-02-2011-3021
CERCLA 02-211-2003
Off-Site Shipment Notification

Dept. Of Environmental Protection
AUG 24 2012
Southwest District

Dear Mr. Jimenez:

By this means, as requested by the United States Environmental Protection Agency (EPA) in Docket No. **CWA-02-2011-3021** document, Section VIII- *Work To Be Performed*, Paragraph 8- Off-Site Shipments and Docket No. **CERCLA-02-2011-2003**, Section VIII- *Work To Be Performed*, Paragraph 34- Off-Site Shipments, attached please find the information to provide the notification prior to any off-facility shipment related to the Work under the Agreement and Order.

The notification in **Attachement A**, includes the following:

- Notification of acceptance and approval from the facility that will be receiving the hazardous waste.
- Name and Location of the facility to which the material will be shipped.
- The method of transportation for the shipment of the material.
- The type of material and quantity of material to be shipped
- The expected schedule for the shipment of the material
- Approximately two (2) days after EPA's notification and/or approval.

Should you have any question or require additional information regarding this document, please feel free to contact me at 787.966-7331 or 787.600.5943.

Sincerely,

Puma Energy Caribe LLC



Brenda Toraño Díaz, PE
EHS Manager

Attachments:

Attachement-A & WM Profile Approval

cc: Ms. Lourdes del Carmen Rodríguez
Email: rodriguez.lourdes@epa.gov

Ms. Beverly Kolenberg
Email: kolenberg.beverly@epa.gov

Ms. Amarilis Rosario
Interim Manager
Environmental Emergency Response and Superfund Division
Puerto Rico Environmental Quality Board
PO Box 11488
San Juan, Puerto Rico 00910

Land Pollution Control Area
Hazardous Waste Compliance Division
Puerto Rico Environmental Quality Board
PO Box 11488
San Juan, Puerto Rico 00910

Texas Commission on Environmental Quality
Industrial and Hazardous Waste Permits Section
Attn: Tanveer Anjum, Section Manager
MC-130
PO Box 13087
Austin, TX 78711-3087

Attn: Mary Yeargan
Florida Department of Environmental Protection Southwest District
13051 N. Telecom Parkway
Temple Terrace, Fl. 33637

Dept. Of Environmental Protection
AUG 24 2012
Southwest District

Attachement A- Off-site Shipment Notification Table (08-20-12)

<u>Profile Approval #</u>	<u>Waste Description</u>	<u>Quantity to be shipped</u>	<u>Method of Transportation</u>	<u>Name of Transporter</u>	<u>Name Location Facility to be shipped</u>
CH576069	Hazardous Waste, Solid, n.o.s. (Toluene, Selenium) PPE, Absorbent materials, Liners, Plastic Scrap, Soil with Tar	10 Metal Drum	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH576070	Hazardous Waste, Solid, n.o.s., (2,4-D) Soil, Gravel, Grass, Wood, PPE, Absorbent Materials with Bunker Fuel	8 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH576071	Hazardous Waste, Solid, n.o.s., (2,4-D) Grass inside WWTP with Bunker Fuel	9 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH576067	Hazardous Waste, Solid, n.o.s., (Benzene, Toluene) Plastic Scrap, PPE contaminated with waste of Tank 452	6 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Deer Park, LLC, La Porte, TX
CH576065	Hazardous Waste, Solid, n.o.s. (Benzene, Xylenes) Pads, PPE and Plastic Scrap contaminated with Tank 612	7 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH548893	Waste Solids containing Flammable Liquid, n.o.s., (Methyl ethyl ketone, Xylenes) Paint / PPE / Cans / Absorbent Materials	32 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH576066	Hazardous Waste, Solid, n.o.s., (Toluene, Lead) PPE, Plastic Scrap, Domestic Trash with North LPG Residues	13 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH577299	Hazardous Waste, Solid, n.o.s., (Toluene, Xylenes) Absorbent material and granules, PPE,	10 Metal drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL

Attachement A- Off-site Shipment Notification Table (08-20-12)

	Grass, Plastic Scrap, Soil Gravel with Bunker fuel and Diesel				
CH577339	Hazardous Waste, Solid, n.o.s., (Toluene, Xylene) Soil contaminated with Bunker Fuel	10 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH577523	Hazardous Waste, Solid, n.o.s., (Ethylbenzene, Toluene) Absorbent Materials, PPE, Plastic Scrap with Diesel	7 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH577534	Hazardous Waste, Solid, n.o.s., (Toluene) Soil with Bunker Fuel, Diesel and Jet Fuel	7 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Deer Park, LLC, La Porte, TX
CH577633	Hazardous Waste Solid, n.o.s., (Toluene, Benzene) Absorbent Materials, Carton, Plastic Scrap with oil	7 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH577703	Hazardous Waste Liquid, n.o.s., (Toluene, Benzene) Vacuum Truck Sludge with Bunker Fuel	5 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Florida, LLC, Bartow, FL
CH581887	Hazardous Waste, Solid, n.o.s., (Benzene, Toluene) Absorbent Materials, PPE, Plastic Scrap with Bunker Fuel, Jet Fuel and Diesel (PUMA-D- 48)	10 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Deer Park, LLC, La Porte, TX
CH581916	Hazardous Waste, Solid, n.o.s., (Benzene, Xylenes) Soil, Gravel, Grass, Plastic Scrap, Absorbent Materials with Bunker Fuel (PUMA-D-55)	9 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Deer Park, LLC, La Porte, TX
CH581983	Hazardous Waste, Solid, n.o.s., (Ethylbenzene,	4 Metal Drums	45 ft Trailer	Clean Harbors Caribe Inc.	Clean Harbors Deer Park, LLC, La

Attachement A- Off-site Shipment Notification Table (08-20-12)

	Xylenes) Gravel, Absorbent Materials, Plastic Scrap contaminated with Hydraulic Oil (PUMA-D-65)				Porte, TX
CH582023	Hazardous Waste, Solid, n.o.s., (Toluene, Xylenes) API sediments (sludge), vacuum truck sludge, PPE, Plastic Scrap with oil (PUMA- D-66)	4 Metal Drums	45 ft Trailer	Clean Harbors Deer Park, LLC, La Porte, TX	Clean Harbors Deer Park, LLC, La Porte, TX
CH581528B	Hazardous Waste, Solid, n.o.s., (Benzene, Toluene) Soil with Hydrocarbons (PUMA- DUM-SL)	20 Cubic Yards	20 cubic yards roll off	Clean Harbors Caribe Inc.	Clean Harbors Deer Park, LLC, La Porte, TX
CH574597B	Hazardous Waste, solid, n.o.s., (Benzene, Toluene) QV-15-Clay Treater	80 Cubic Yards	20 cubic yards roll off	Clean Harbors Caribe Inc.	Clean Harbors Deer Park, LLC, La Porte, TX
CH556989B	Hazardous Waste, Solid, n.o.s., (Benzene, Xylenes) Waste Tank 612	80 Cubic yards	20 cubic yards roll off	Clean Harbors Caribe Inc.	Clean Harbors Deer Park, LLC, La Porte, TX

****Note****

The hazardous wastes will be shipped on August, 2012.

Clean Harbors Profile No. CH577339

GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182**
 GENERATOR CODE (Assigned by Clean Harbors) **PU1208**
 DRESS **Luchetti Industrial Park Road# 28 Km 2.0**

GENERATOR NAME: **Puma Energy Caribe LLC**
 CITY **Bayamon**

STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

PHONE: (787) 679-4058

STOMER CODE (Assigned by Clean Harbors) **PU1208**
 DRESS **Luchetti Industrial Park Road# 28 Km 2.0**

CUSTOMER NAME: **Puma Energy Caribe LLC**
 CITY **Bayamon**

STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

WASTE DESCRIPTION

WASTE DESCRIPTION: **Soil contaminated with bunker fuel**

PROCESS GENERATING WASTE: **clean up process**

THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS	VISCOSITY (If liquid present)	COLOR
SOLID WITHOUT FREE LIQUID	1 2 3 TOP 0.00	1 - 100 (e.g. Water)	brown
POWDER	% BY VOLUME (Approx.) MIDDLE 0.00	101 - 500 (e.g. Motor Oil)	
MONOLITHIC SOLID	BOTTOM 0.00	501 - 10,000 (e.g. Molasses)	
LIQUID WITH NO SOLIDS		> 10,000	
LIQUID/SOLID MIXTURE	ODOR	MELTING POINT °F (°C)	TOTAL ORGANIC CARBON
% FREE LIQUID	☒ NONE	<= 95 (<=35)	☒ <= 1%
% SETTLED SOLID	MILD	95 - 100 (35-38)	1-9%
% TOTAL SUSPENDED SOLID	STRONG	101 - 129 (38-54)	>= 10%
SLUDGE	Describe:	>= 130 (>54)	
GAS/AEROSOL			

ASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH	BTU/LB (MJ/kg)
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	☒ < 2,000 (<4.6)
73 - 100 (23-38)	☒ 2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0 ☒ Unknown	2,000-5,000 (4.6-11.6)
101 -140 (38-60)	7 (Neutral)	1.0 (e.g. Water)	1.1 - 5.0	5,000-10,000 (11.6-23.2)
141 -200 (60-93)	7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0	> 10,000 (>23.2)
> 200 (>93)	>= 12.5	☒ > 1.2 (e.g. Methylene Chloride)		Actual:

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	MIN	MAX	UOM
HEXEL RANGE ORGANICS	5690.0000000	5690.0000000	PPM
ASPHALT RANGE	43.3000000	43.3000000	PPM
P-XYLENE	0.5620000	0.5620000	PPM
ETHYL TERT BUTYL ETHER	0.0680000	0.0680000	PPM
XYLENE	2.3700000	2.3700000	PPM
OIL CONTAMINATED WITH BUNKER FUEL	100.0000000	100.0000000	%
TOLUENE	0.9750000	0.9750000	PPM

DID 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 REINFORCING OF CONCRETE >3")? YES ☒ NO

If yes, describe, including dimensions:

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

DID 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. **G13**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**

ONSTITUENTS

These values based on testing or knowledge? Knowledge ☒ Testing

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.

CRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
104	ARSENIC	5.0				☒
105	BARIUM	100.0				☒
106	CADMIUM	1.0				☒
107	CHROMIUM	5.0				☒
108	LEAD	5.0				☒
109	MERCURY	0.2				☒
110	SELENIUM	1.0				☒
111	SILVER	5.0				☒
VOLATILE COMPOUNDS			OTHER CONSTITUENTS			MAX UOM NOT APPLICABLE
118	BENZENE	0.5		BROMINE		☒
119	CARBON TETRACHLORIDE	0.5		CHLORINE		☒
121	CHLORO BENZENE	100.0		FLUORINE		☒
122	CHLOROFORM	6.0		IODINE		☒
128	1,2-DICHLOROETHANE	0.5		SULFUR		☒
129	1,1-DICHLOROETHYLENE	0.7		POTASSIUM		☒
135	METHYL ETHYL KETONE	200.0		SODIUM		☒
139	TETRACHLOROETHYLENE	0.7		AMMONIA		☒
140	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE		☒
143	VINYL CHLORIDE	0.2		CYANIDE REACTIVE		☒
SEMI-VOLATILE COMPOUNDS			CYANIDE TOTAL			☒
123	o-CRESOL	200.0		SULFIDE REACTIVE		☒
124	m-CRESOL	200.0				
125	p-CRESOL	200.0				
126	CRESOL (TOTAL)	200.0				
127	1,4-DICHLOROBENZENE	7.5				
130	2,4-DINITROTOLUENE	0.13				
132	HEXACHLOROBENZENE	0.13				
133	HEXACHLOROBUTADIENE	0.5				
134	HEXACHLOROETHANE	3.0				
136	NITROBENZENE	2.0				
137	PENTACHLOROPHENOL	100.0				
138	PYRIDINE	5.0				
141	2,4,5-TRICHLOROPHENOL	400.0				
142	2,4,6-TRICHLOROPHENOL	2.0				
PESTICIDES AND HERBICIDES						
112	ENDRIN	0.02				
113	LINDANE	0.4				
114	METHOXYCHLOR	10.0				
115	TOXAPHENE	0.5				
116	2,4-D	10.0				
117	2,4,5-TP (SILVEX)	1.0				
120	CHLORDANE	0.03				
131	HEPTACHLOR (AND ITS EPOXIDE)	0.008				
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)			
USE ALL THAT APPLY						
DEA REGULATED SUBSTANCE	EXPLOSIVE	FUMING	OSHA REGULATED CARCINOGENS			
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	☒ NONE OF THE ABOVE			

REGULATORY STATUS

USEPA HAZARDOUS WASTE? YES ☒ NO ☐

F003 F005

DO ANY STATE WASTE CODES APPLY? YES ☒ NO ☐

Texas Waste Code OUTS002H

DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY? YES ☒ NO ☐

IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268? YES ☒ NO ☐

LDR CATEGORY:
 VARIANCE INFO:
 This is subject to LDR

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)(iii))?

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 VOCs 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? YES ☒ NO ☐

Hazardous Organic NESHAP (HON) rule (subpart G)
 Pharmaceuticals production (subpart GGG)

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?

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?
 Megagrams/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Knowledge
 Testing

Describe the knowledge:

DOT/IDG INFORMATION

DOT/IDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (TOLUENE,XYLENE), 9, PG III

I. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED

10-10 CONTAINERS/SHIPMENT

STORAGE CAPACITY:

CUBIC YARD BOX

PALLET

TOTE TANK ☒ DRUM

OTHER:

DRUM SIZE: 55

SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATORS 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)

TITLE

DATE

calhos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and for disposal of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH581887

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION #

PRD000632182

GENERATOR NAME:

Puma Energy Caribe LLC

GENERATOR CODE (Assigned by Clean Harbors)

PU1208

CITY

Bayamon

STATE/PROVINCE

PR

ZIP/POSTAL CODE

00961

ADDRESS

Luchetti Industrial Park Road# 28 Km 2.0

PHONE: (787) 679-4058

CUSTOMER CODE (Assigned by Clean Harbors)

PU1208

CUSTOMER NAME:

Puma Energy Caribe LLC

ADDRESS

Luchetti Industrial Park Road# 28 Km 2.0

CITY

Bayamon

STATE/PROVINCE

PR

ZIP/POSTAL CODE

00961

B. WASTE DESCRIPTION

WASTE DESCRIPTION: Absorbent materials, PPE, plastic w bunker, jet fuel, diesel

PROCESS GENERATING WASTE:

Spill clean up at plant (Puma D-48)

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? No

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 brown	
	ODOR 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) ☒ > 200 (> 93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) ≤ 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

ABSORBENT MATERIALS, PPE, PLASTIC W BUNKER, JET FUEL, DIESEL

BENZENE

DIESEL RANGE ORGANICS

ETHYLBEZENE

GASOLINE RANGE ORGANICS

M,P-XYLENE

O-XYLENE

TOLUENE

MIN	MAX	UOM
100.0000000	100.0000000	%
68.7000000	68.7000000	PPM
42200.000000	42200.000000	PPM
272.0000000	272.0000000	PPM
18500.000000	18500.000000	PPM
1360.0000000	1360.0000000	PPM
593.0000000	593.0000000	PPM
737.0000000	737.0000000	PPM

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. G32

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. W002



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS						
D018	BENZENE	0.5	68.7000			
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	8.0				
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			☒
CHLORINE			☒
FLUORINE			☒
IODINE			☒
SULFUR			☒
POTASSIUM			☒
SODIUM			☒
AMMONIA			☒
CYANIDE AMENABLE			☒
CYANIDE REACTIVE			☒
CYANIDE TOTAL			☒
SULFIDE REACTIVE			☒

HOCs	PCBs
☒ NONE < 1000 PPM >= 1000 PPM	☒ NONE < 50 PPM >= 50 PPM IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761? YES ☒ NO

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

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

D018 F005

DO ANY STATE WASTE CODES APPLY? ☒ YES ☐ NO

Texas Waste Code

DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY? ☒ YES ☐ NO

IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268? ☒ YES ☐ NO

LDR CATEGORY:
VARIANCE INFO:

This is subject to LDR.

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)(iii))? ☐ 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 VOCs 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 NESHAAP RULES? ☒ YES ☐ NO

Hazardous Organic NESHAAP (HON) rule (subpart G) Pharmaceuticals production (subpart GG)

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 NESHAAP or is this waste regulated under the benzene NESHAAP 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? ☒ YES ☐ NO

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/DOE INFORMATION

DOT/DOE PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, TOLUENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED

10-10 CONTAINERS/SHIPMENT

STORAGE CAPACITY: 55

CONTAINER TYPE:

CUBIC YARD BOX

TOTE TANK ☒ DRUM

OTHER:

DRUM SIZE: 55

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATORS 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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and for disposal of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage those wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH581916

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Soil gravel, grass, plastic, absorbent with bunker fuel**

PROCESS GENERATING WASTE: **Spill clean up at plant (Puma D-55)**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 brown	
	ODOR 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) ☒ > 200 (> 93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)		ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ > 20 Unknown		BTU/LB (MJ/kg) ≤ 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	MIN	MAX	UOM
BENZENE	0.83000000	0.83000000	PPM
DIESEL RANGE ORGANICS	7560.00000000	7560.00000000	PPM
ETHYLBEZENE	2.07000000	2.07000000	PPM
GASOLINE RANGE ORGANICS	86.20000000	86.20000000	PPM
M,P-XYLENE	10.30000000	10.30000000	PPM
O-XYLENE	3.19000000	3.19000000	PPM
SOIL GRAVEL, GRASS, PLASTIC, ABSORBENT WITH BUNKER FUEL	100.00000000	100.00000000	%
TOLUENE	7.99000000	7.99000000	PPM

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. **G32** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS						
D018	BENZENE	0.5	0.8300			
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	8.0				
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			☒
CHLORINE			☒
FLUORINE			☒
IODINE			☒
SULFUR			☒
POTASSIUM			☒
SODIUM			☒
AMMONIA			☒
CYANIDE AMENABLE			☒
CYANIDE REACTIVE			☒
CYANIDE TOTAL			☒
SULFIDE REACTIVE			☒

HOCs	PCBs
☒ NONE	☒ NONE
< 1000 PPM	< 50 PPM
>= 1000 PPM	>= 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES	☒ NO

ADDITIONAL HAZARDS

DOES THIS HAZARD 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?	D018 F005
YES	☒	NO	DO ANY STATE WASTE CODES APPLY?	
			Texas Waste Code	outs301h
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:	This is 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 F008 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 $\geq .3$ KPA (.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?	10.000000 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:	Plant is closed no operations they are under a EPA order clean up.

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE,XYLENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED	BULK LIQUID		BULK SOLID	
9-9 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min - 0 Max		SHIPMENT UOM: TON YARD	
STORAGE CAPACITY: 55			TONS/YARDS/SHIPMENT: 0 Min - 0 Max	
CONTAINER TYPE:				
CUBIC YARD BOX PALLET				
TOTE TANK ☒ DRUM				
OTHER:				
DRUM SIZE: 55				

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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH581983

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION #

PRD000632182

GENERATOR NAME:

Puma Energy Caribe LLC

GENERATOR CODE (Assigned by Clean Harbors)

PU1208

CITY

Bayamon

STATE/PROVINCE

PR

ZIP/POSTAL CODE

00961

ADDRESS

Luchetti Industrial Park Road# 28 Km 2.0

PHONE: (787) 679-4058

CUSTOMER CODE (Assigned by Clean Harbors)

PU1208

CUSTOMER NAME:

Puma Energy Caribe LLC

ADDRESS

Luchetti Industrial Park Road# 28 Km 2.0

CITY

Bayamon

STATE/PROVINCE

PR

ZIP/POSTAL CODE

00961

B. WASTE DESCRIPTION

WASTE DESCRIPTION: Gravel Absorbent material, plastic, Scrap, cont Hydraulic Oil

PROCESS GENERATING WASTE:

Spill clean up plant (Puma D-65)

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER?

No

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 brown
	ODOR 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) ☒ > 200 (> 93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ Unknown	BTU/LB (MJ/kg) ≤ 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	MIN	MAX	UOM
BENZENE	0.1730000	0.1730000	PPM
DIESEL RANGE ORGANICS	21400.000000	21400.000000	PPM
ETHYLBEZENE	5.4500000	5.4500000	PPM
GASOLINE RANGE ORGANICS	150.0000000	150.0000000	PPM
GRAVEL ABSORBENT MATERIAL, PLASTIC, SCRAP, CONT HYDRAULIC OIL	100.0000000	100.0000000	%
M,P-XYLENE	29.8000000	29.8000000	PPM
O-XYLENE	15.9000000	15.9000000	PPM
TOLUENE	2.2100000	2.2100000	PPM

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. G32

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. W002



E. CONSTITUENTS

Are these values based on testing or knowledge?

Knowledge ☒ Testing

If constituent concentrations are based on analytical testing, analysts 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				☒	
D005	BARIUM	100.0				☒	
D006	CADMIUM	1.0				☒	
D007	CHROMIUM	5.0				☒	
D008	LEAD	5.0				☒	
D009	MERCURY	0.2				☒	
D010	SELENIUM	1.0				☒	
D011	SILVER	5.0				☒	
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
D018	BENZENE	0.5	0.1730				☒
D019	CARBON TETRACHLORIDE	0.5		BROMINE			☒
D021	CHLOROBENZENE	100.0		CHLORINE			☒
D022	CHLOROFORM	6.0		FLUORINE			☒
D028	1,2-DICHLOROETHANE	0.5		IODINE			☒
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR			☒
D035	METHYL ETHYL KETONE	200.0		POTASSIUM			☒
D039	TETRACHLOROETHYLENE	0.7		SODIUM			☒
D040	TRICHLOROETHYLENE	0.5		AMMONIA			☒
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE			☒
SEMI-VOLATILE COMPOUNDS				CYANIDE REACTIVE			☒
D023	o-CRESOL	200.0		CYANIDE TOTAL			☒
D024	m-CRESOL	200.0		SULFIDE REACTIVE			☒
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					

HOCs
☒ NONE
< 1000 PPM
≥ 1000 PPM

PCBs
☒ NONE
< 50 PPM
≥ 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

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?	<u>D018 F005</u>
YES	☒	NO	DO ANY STATE WASTE CODES APPLY?	
			Texas Waste Code	<u>outs301h</u>
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:	<u>This is subject to LDR.</u>
			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?	<u>10.000000</u> 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 :	<u>Plant is closed no operations they are under a EPA order clean up</u>

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (ETHYLBENZENE,XYLENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED	BULK LIQUID		BULK SOLID	
4-4 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min -0 Max	GAL.	SHIPMENT UOM:	TON YARD
STORAGE CAPACITY: 55			TONS/YARDS/SHIPMENT: 0 Min - 0 Max	
CONTAINER TYPE:				
CUBIC YARD BOX PALLET				
TOTE TANK ☒ DRUM				
OTHER:				
DRUM SIZE: 55				

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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH548893

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 678-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **PAINT/ppa/cans/absorbent material**

PROCESS GENERATING WASTE: **maintenance**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **Yes**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID ☒ LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID 0.00 - 100.00 % SETTLED SOLID 50.00 - 100.00 % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS 1 ☒ 2 3 TOP 50.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 50.00		VISCOSITY (If liquid present) 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) ☒ 501 - 10,000 (e.g. Molasses) > 10,000	COLOR Varies	
	ODOR 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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON ≤ 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 ☒ 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) > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 ☒ 5.1 - 20.0	BTU/LB (MJ/kg) ≤ 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	MIN	-	MAX	UOM
ABSORBENT PADS, RAGS, BRUSHES, PAINT ROLLERS, GLOVES	0.0000000	-	50.0000000	%
ALKYD RESIN	0.0000000	-	20.0000000	%
LEAD	0.0000000	-	5.0000000	%
METHYL ETHYL KETONE	0.0000000	-	5.0000000	%
OIL BASED PAINT	0.0000000	-	100.0000000	%
PAINT CANS	0.0000000	-	50.0000000	%
TITANIUM DIOXIDE	0.0000000	-	25.0000000	%
TOLUENE	0.0000000	-	15.0000000	%
XYLENE	0.0000000	-	15.0000000	%

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. **G06**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W209**



E. CONSTITUENTS

Are these values based on testing or knowledge?

☒ Knowledge

Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

knowledge of process

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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0	5.0000	5.0000000	%	
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM
D018	BENZENE	0.5		BROMINE		NOT APPLICABLE
D019	CARBON TETRACHLORIDE	0.5		CHLORINE		☒
D021	CHLOROBENZENE	100.0		FLUORINE		☒
D022	CHLOROFORM	6.0		IODINE		☒
D028	1,2-DICHLOROETHANE	0.5		SULFUR		☒
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM		☒
D035	METHYL ETHYL KETONE	200.0	200.0000	SODIUM		☒
D039	TETRACHLOROETHYLENE	0.7		AMMONIA		☒
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE		☒
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE		☒
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL		☒
D023	o-CRESOL	200.0		SULFIDE REACTIVE		☒
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				

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?

D001 D008 D035

☒ YES ☐ NO DO ANY STATE WASTE CODES APPLY?

Texas Waste Code

OUTS209H

☒ 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:
VARIANCE INFO:

This is subject to LDR

☒ 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 VOCs 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 GG)

☒ 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?

What is the TAB quantity for your facility? Megagrams/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/IDG INFORMATION

DOT/IDG PROPER SHIPPING NAME:

UN1263, WASTE PAINT RELATED MATERIAL, 3, PG III

UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (METHYL ETHYL KETONE, XYLENE), 3, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY

☒ CONTAINERIZED

1-1 CONTAINERS/SHIPMENT

STORAGE CAPACITY:

1

CUBIC YARD BOX

PALLET

TOTE TANK

☒ DRUM

OTHER: DRUM SIZE: 55

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)

TITLE

DATE

nilzaida.cardona@punma-energy.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and for disposal of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



Clean Harbors Profile No. CH548893

Appendum

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (METHYL ETHYL KETONE, XYLENE), 4.1, PG II



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH576066

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **PPE, Plastic scrap, domestic trash, with north LPG residues**

PROCESS GENERATING WASTE: **residues from cleaning**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 brown	
	ODOR 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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)		ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ > 20 Unknown		BTU/LB (MJ/kg) ≤ 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	MIN	MAX	UOM
ANSULITE AFF 3%	10.0000000	10.0000000	%
DIESEL	3.1700000	12.0000000	PPM
GASOLINE	21500.000000	170000.0000	PPM
LEAD	37.6000000	37.6000000	PPM
PPE, PLASTIC SCRAP, DOMESTIC TRASH	100.0000000	100.0000000	%
SULFIDES	28.1000000	28.1000000	PPM
TOLUENE	0.0200000	0.1280000	PPM

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. **G14**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W409**



E. CONSTITUENTS

Are these values based on testing or knowledge?



Knowledge

Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

process knowledge residues from LPG cleaning

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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0	37.6000	37.6000000	PPM	
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
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			☒
CHLORINE			☒
FLUORINE			☒
IODINE			☒
SULFUR			☒
POTASSIUM			☒
SODIUM			☒
AMMONIA			☒
CYANIDE AMENABLE			☒
CYANIDE REACTIVE			☒
CYANIDE TOTAL			☒
SULFIDE REACTIVE	28.1000	PPM	

HOCs	PCBs
☒ NONE < 1000 PPM ≥ 1000 PPM	☒ NONE < 50 PPM ≥ 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES ☒ NO	

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

USEPA HAZARDOUS WASTE? ☒ YES ☐ NO

D008 F005

DO ANY STATE WASTE CODES APPLY? ☒ YES ☐ NO

OUTS409H

DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY? ☒ YES ☐ NO

IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268? ☒ YES ☐ NO

LDR CATEGORY: **This is subject to LDR**

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)(iii))?

DOES TREATMENT OF THIS WASTE GENERATE A F008 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 VOCs 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? ☒ YES ☐ NO

Hazardous Organic NESHAP (HON) rule (subpart G) ☒ 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

What is the TAB quantity for your facility? Megagrams/year (1 Mg = 2,200 lbs) ☐ YES ☐ NO

Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) > 10 Mg/year? ☐ YES ☐ NO

The basis for this determination is: Knowledge of the Waste Or Test Data

Describe the knowledge:

G. DOT/DOG INFORMATION

DOT/DOG PROPER SHIPPING NAME: **NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (TOLUENE,LEAD), 9, PG III**

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME ☐ WEEKLY ☐ MONTHLY ☐ QUARTERLY ☐ YEARLY ☐ OTHER

☒ CONTAINERIZED ☐ 13-15 CONTAINERS/SHIPMENT

STORAGE CAPACITY:

CONTAINER TYPE:

CUBIC YARD BOX ☐ PALLET ☐ DRUM ☒ DRUM SIZE: 55

OTHER:

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATORS 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)

TITLE

DATE

carlos.parras@puma-energy.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and for disposal of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH577299

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Absorbent material and granules, PPE, grass, plastic scrap,**

PROCESS GENERATING WASTE: **clean up process**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS			VISCOSITY (If liquid present)		COLOR
☒ SOLID WITHOUT FREE LIQUID	1	2	3	TOP	0.00	various
POWDER	% BY VOLUME (Approx.)			MIDDLE	0.00	
MONOLITHIC SOLID				BOTTOM	0.00	
LIQUID WITH NO SOLIDS						
LIQUID/SOLID MIXTURE						
% FREE LIQUID						
% SETTLED SOLID						
% TOTAL SUSPENDED SOLID						
SLUDGE						
GAS/AEROSOL						
ODOR		BOILING POINT °F (°C)		MELTING POINT °F (°C)		TOTAL ORGANIC CARBON
NONE		<= 95 (<=35)		< 140 (<60)		<= 1%
☒ MILD		95 - 100 (35-38)		140-200 (60-93)		☒ 1-9%
STRONG		101 - 129 (38-54)		☒ > 200 (>93)		>= 10%
Describe:		>= 130 (>54)				
FLASH POINT °F (°C)		pH		SPECIFIC GRAVITY		ASH
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)		< 0.1		> 20
73 - 100 (23-38)	☒ 2.1 - 6.9	0.8-1.0 (e.g. Ethanol)		0.1 - 1.0		☒ Unknown
101 -140 (38-60)	7 (Neutral)	1.0 (e.g. Water)		1.1 - 5.0		
141 -200 (60-93)	7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)		5.1 - 20.0		
> 200 (>93)	>= 12.5	☒ > 1.2 (e.g. Methylene Chloride)				
BTU/LB (MJ/kg)						
< 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	MIN	MAX	UOM
ABSORBENT MATERIAL AND GRANULES, PPE, GRASS, PLASTIC SCRAP,	100.0000000	100.0000000	%
DIESEL RANGE ORGANICS	26000.000000	26000.000000	PPM
	0	00	
GASOLINE RANGE	57.2000000	57.2000000	PPM
METHYL TERT BUTYL ETHER	0.1320000	0.1320000	PPM
TOLUENE	1.5500000	1.5500000	PPM
XYLENE	2.0200000	2.0200000	PPM

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. **G13** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS				OTHER CONSTITUENTS		
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				MAX UOM NOT APPLICABLE		
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				HOCs		
D012	ENDRIN	0.02				☒ NONE
D013	LINDANE	0.4				< 1000 PPM
D014	METHOXYCHLOR	10.0				>= 1000 PPM
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				
				PCBs		
				☒ NONE		
				< 50 PPM		
				>= 50 PPM		
				IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?		
				YES ☒ NO		

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?	F003 F005
YES	☒	NO	DO ANY STATE WASTE CODES APPLY?	
			Texas Waste Code	OUTS002H
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:	This is 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 Testing
			Describe the knowledge:	

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (TOLUENE, XYLENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED	BULK LIQUID	BULK SOLID
10-10 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min - 0 Max	GAL. SHIPMENT UOM: TON YARD
STORAGE CAPACITY:		TONS/YARDS/SHIPMENT: 0 Min - 0 Max
CONTAINER TYPE:		
CUBIC YARD BOX PALLET		
TOTE TANK ☒ DRUM		
OTHER:		
DRUM SIZE: 55		

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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH577523

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Absorbent materials, PPE, plastic scrap with diesel**

PROCESS GENERATING WASTE: **clean up activities at plant**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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				VISCOSITY (If liquid present) 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000 MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) ☒ > 200 (>93)	COLOR various TOTAL ORGANIC CARBON ☒ <= 1% ☒ 1-9% ☒ >= 10%
	1	2	3	TOP		
	% BY VOLUME (Approx.)			MIDDLE		
				BOTTOM		
ODOR NONE ☒ MILD STRONG Describe:				BOILING POINT °F (°C) ≤ 95 (≤35) 95 - 100 (35-38) 101 - 129 (38-54) ≥ 130 (≥54)		

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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ > 20 Unknown	BTU/LB (MJ/kg) ☒ < 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

ABSORBENT MATERIALS, PPE, PLASTIC SCRAP WITH DIESEL

	MIN	MAX	UOM
BENZENE	0.78600000	0.78600000	PPM
DIESEL RANGE ORGANICS	1170.00000000	1170.00000000	PPM
ETHYLBENZENE	20.20000000	20.20000000	PPM
GASOLINE RANGE	1670.00000000	1670.00000000	PPM
M,P-XYLENE	106.00000000	106.00000000	PPM
O-XYLENE	60.00000000	60.00000000	PPM
TOLUENE	30.70000000	30.70000000	PPM

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. **G13**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS						
D018	BENZENE	0.5	0.7860			
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			☒
CHLORINE			☒
FLUORINE			☒
IODINE			☒
SULFUR			☒
POTASSIUM			☒
SODIUM			☒
AMMONIA			☒
CYANIDE AMENABLE			☒
CYANIDE REACTIVE			☒
CYANIDE TOTAL			☒
SULFIDE REACTIVE			☒

HOCs	PCBs
☒ NONE < 1000 PPM ≥ 1000 PPM	☒ NONE < 50 PPM ≥ 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES ☒ NO ☒	

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
POLYMERIZABLEEXPLOSIVE
RADIOACTIVEFUMING
REACTIVE MATERIAL☒ OSHA REGULATED CARCINOGENS
NONE OF THE ABOVE



F. REGULATORY STATUS

☒	YES	NO	USEPA HAZARDOUS WASTE?	<u>D018 F003 F005</u>
	YES	☒	NO	DO ANY STATE WASTE CODES APPLY?
				Texas Waste Code <u>outs002h</u>
	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:	<u>This is subject to LDR.</u>
			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?	<u>0.000000</u> 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 :	<u>plant is closed is under an EPA order cleaning</u>

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (ETHYLBENZENE,TOLUENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED	BULK LIQUID		BULK SOLID	
7-7 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: <u>0 Min -0 Max</u>		GAL.	SHIPMENT UOM: TON YARD
STORAGE CAPACITY:				TONS/YARDS/SHIPMENT: <u>0 Min - 0 Max</u>
CONTAINER TYPE:				
CUBIC YARD BOX PALLET				
TOTE TANK ☒ DRUM				
OTHER: DRUM SIZE: <u>55</u>				

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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and for dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH577534

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Soil with bunker fuel, diesel, jet fuel**

PROCESS GENERATING WASTE: **clean up activities at plant**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS	VISCOSITY (If liquid present)	COLOR
☒ SOLID WITHOUT FREE LIQUID	1 2 3 TOP 0.00	1 - 100 (e.g. Water)	various
POWDER	% BY VOLUME (Approx.) MIDDLE 0.00	101 - 500 (e.g. Motor Oil)	
MONOLITHIC SOLID	BOTTOM 0.00	501 - 10,000 (e.g. Molasses)	
LIQUID WITH NO SOLIDS		> 10,000	
LIQUID/SOLID MIXTURE	ODOR	MELTING POINT °F (°C)	TOTAL ORGANIC CARBON
% FREE LIQUID	NONE	< 95 (<35)	<= 1%
% SETTLED SOLID	☒ MILD	95 - 100 (35-38)	☒ 1-9%
% TOTAL SUSPENDED SOLID	STRONG	101 - 129 (38-54)	>= 10%
SLUDGE	Describe:	> 130 (>54)	
GAS/AEROSOL			

FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH	BTU/LB (MJ/kg)
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	< 2,000 (<4.6)
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0 ☒ Unknown	☒ 2,000-5,000 (4.6-11.6)
101 - 140 (38-60)	7 (Neutral)	1.0 (e.g. Water)	1.1 - 5.0	5,000-10,000 (11.6-23.2)
141 - 200 (60-93)	☒ 7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0	> 10,000 (>23.2)
> 200 (>93)	>= 12.5	☒ > 1.2 (e.g. Methylene Chloride)		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	MIN	MAX	UOM
DIESEL RANGE ORGANICS	28100.000000	28100.000000	PPM
	0	00	
ETHYLBENZENE	0.03000000	0.03000000	PPM
GASOLINE RANGE	20.70000000	20.70000000	PPM
M,P-XYLENE	0.33800000	0.33800000	PPM
O-XYLENE	0.98400000	0.98400000	PPM
SOIL WITH BUNKER FUEL, DIESEL, JET FUEL	100.00000000	100.00000000	%
TOLUENE	0.05900000	0.05900000	PPM

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. **G13** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒

VOLATILE COMPOUNDS			OTHER CONSTITUENTS		MAX	UOM	NOT APPLICABLE
D018	BENZENE	0.5	BROMINE				☒
D019	CARBON TETRACHLORIDE	0.5	CHLORINE				☒
D021	CHLOROBENZENE	100.0	FLUORINE				☒
D022	CHLOROFORM	8.0	IODINE				☒
D028	1,2-DICHLOROETHANE	0.5	SULFUR				☒
D029	1,1-DICHLOROETHYLENE	0.7	POTASSIUM				☒
D035	METHYL ETHYL KETONE	200.0	SODIUM				☒
D039	TETRACHLOROETHYLENE	0.7	AMMONIA				☒
D040	TRICHLOROETHYLENE	0.5	CYANIDE AMENABLE				☒
D043	VINYL CHLORIDE	0.2	CYANIDE REACTIVE				☒
SEMI-VOLATILE COMPOUNDS			CYANIDE TOTAL				☒
D023	o-CRESOL	200.0	SULFIDE REACTIVE				☒
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					

HOCs		PCBs	
☒ NONE		☒ NONE	
< 1000 PPM		< 50 PPM	
>= 1000 PPM		>= 50 PPM	
		IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
		YES	☒ NO

PESTICIDES AND HERBICIDES	
D012	ENDRIN
D013	LINDANE
D014	METHOXYCHLOR
D015	TOXAPHENE
D016	2,4-D
D017	2,4,5-TP (SILVEX)
D020	CHLORDANE
D031	HEPTACHLOR (AND ITS EPOXIDE)

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
POLYMERIZABLEEXPLOSIVE
RADIOACTIVEFUMING
REACTIVE MATERIALOSHA REGULATED CARCINOGENS
☒ NONE OF THE ABOVE



F. REGULATORY STATUS

☒	YES	NO	USEPA HAZARDOUS WASTE?	F003 F005
	YES	☒	NO	DO ANY STATE WASTE CODES APPLY?
			Texas Waste Code	outs301h
	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:	This is 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 $\geq .3$ KPA (.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:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (TOLUENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒	CONTAINERIZED	BULK LIQUID		BULK SOLID	
7-7	CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min - 0 Max		GAL.	SHIPMENT UOM: TON YARD
STORAGE CAPACITY:		TONS/YARDS/SHIPMENT: 0 Min - 0 Max			
CONTAINER TYPE:					
CUBIC YARD BOX PALLET					
TOTE TANK ☒ DRUM					
OTHER:					
DRUM SIZE: 55					

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

please read for reference tot hese waste the D47 in the analysis attached

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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH582023

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **API sediment(Sludge), Vacuum Truck sludge, PPE, Plastic w oil**

PROCESS GENERATING WASTE: **Spill clean up at plant (PUMA D-86)**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 Brown
	ODOR 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) ☒ > 200 (>93)		TOTAL ORGANIC CARBON <= 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ > 20 Unknown		BTU/LB (MJ/kg) < 2,000 (<4.8) ☒ 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	MIN	-	MAX	UOM
API SEDIMENT(SLUDGE), VACUUMTRUCK SLUDGE, PPE, PLASTIC W OIL	100.0000000	-	100.0000000	%
BENZENE	15.0000000	-	15.0000000	PPM
DIESEL RANGE ORGANICS	24900.000000	-	24900.000000	PPM
ETHYLBEZENE	37.0000000	-	37.0000000	PPM
GASOLINE RANGE ORGANICS	1310.0000000	-	1310.0000000	PPM
M,P-XYLENE	132.0000000	-	132.0000000	PPM
O-XYLENE	51.9000000	-	51.9000000	PPM
TOLUENE	79.0000000	-	79.0000000	PPM

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, 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. **G32**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W809**



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				☒
D005	BARIUM	100.0	6.9200	6.9200000	PPM	
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS						
D018	BENZENE	0.5	15.0000			
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			☒
CHLORINE			☒
FLUORINE			☒
IODINE			☒
SULFUR			☒
POTASSIUM			☒
SODIUM			☒
AMMONIA			☒
CYANIDE AMENABLE			☒
CYANIDE REACTIVE			☒
CYANIDE TOTAL			☒
SULFIDE REACTIVE			☒

HOCs	PCBs
☒ NONE ☐ < 1000 PPM ☐ >= 1000 PPM	☒ NONE ☐ < 50 PPM ☐ >= 50 PPM IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761? YES ☒ NO

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?	D018 F005 K051	
YES	☒	NO	DO ANY STATE WASTE CODES APPLY?		
			Texas Waste Code	outs301h	
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: This is 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)(III))?		
YES	☒	NO	DOES TREATMENT OF THIS WASTE GENERATE A F008 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?	10.000000	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:	Site is not operating is under order an EPA consent order of cleanup contamination due to fire	

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (TOLUENE, XYLENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED	BULK LIQUID		BULK SOLID	
4-4 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min - 0 Max		GAL.	SHIPMENT UOM: TON YARD
STORAGE CAPACITY: 55				TONS/YARDS/SHIPMENT: 0 Min - 0 Max
CONTAINER TYPE:				
CUBIC YARD BOX PALLET				
TOTE TANK ☒ DRUM				
OTHER: DRUM SIZE: 55				

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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and for disposal of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH577633

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Absorbent materials, carton, plastic scrap with oil**

PROCESS GENERATING WASTE: **clean up activities**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 ☒ 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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON ☒ <= 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 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) ☒ > 1.2 (e.g. Methylene Chloride)		ASH < 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ > 20 Unknown		BTU/LB (MJ/kg) < 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	MIN	MAX	UOM
ABSORBENT MATERIALS, CARTON, PLASTIC SCRAP WITH OIL	100.0000000	100.0000000	%
BARIUM	7.0000000	7.0000000	PPM
BENZENE	1.6900000	1.6900000	PPM
DIESEL RANGE ORGANICS	26700.000000	26700.000000	PPM
ETHYLBENZENE	8.0600000	8.0600000	PPM
GASOLINE RANGE	1550.0000000	1550.0000000	PPM
M,P-XYLENE	183.0000000	183.0000000	PPM
METHYL TERT BUTYL ETHER	0.4830000	0.4830000	PPM
O-XYLENE	109.0000000	109.0000000	PPM
TOLUENE	41.2000000	41.2000000	PPM

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. **G13**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒
D005	BARIUM	100.0	7.0000	7.0000000	PPM	
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS						
D018	BENZENE	0.5	1.6900			
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	8.0				
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						
	BROMINE					☒
	CHLORINE					☒
	FLUORINE					☒
	IODINE					☒
	SULFUR					☒
	POTASSIUM					☒
	SODIUM					☒
	AMMONIA					☒
	CYANIDE AMENABLE					☒
	CYANIDE REACTIVE					☒
	CYANIDE TOTAL					☒
	SULFIDE REACTIVE					☒
HOCs						
☒ NONE						
< 1000 PPM						
>= 1000 PPM						
PCBs						
☒ NONE						
< 50 PPM						
>=50 PPM						
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?						
YES ☒ NO						

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?	<u>D018 F003 F005</u>
	YES	☒	DO ANY STATE WASTE CODES APPLY?	
			Texas Waste Code	<u>OUTS002H</u>
	YES	☒	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:	<u>This is subject to LDR.</u>
			VARIANCE INFO:	
	YES	☒	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	☒	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	☒	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	☒	DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?	
	YES	☒	IS THIS CERCLA REGULATED (SUPERFUND) WASTE?	
	YES	☒	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?	<u>0.000000</u> 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:	<u>plant is closed</u>

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (TOLUENE, BENZENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒	CONTAINERIZED		BULK LIQUID		BULK SOLID
7-7	CONTAINERS/SHIPMENT		GALLONS/SHIPMENT: <u>0 Min - 0 Max</u>	GAL.	SHIPMENT UOM: TON YARD
STORAGE CAPACITY:					TONS/YARDS/SHIPMENT: <u>0 Min - 0 Max</u>
CONTAINER TYPE:					
	CUBIC YARD BOX	PALLET			
	TOTE TANK	☒ DRUM			
	OTHER:	DRUM SIZE: <u>55</u>			

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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and for disposal of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH577703

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Vacuum truck sludge with bunker fuel**

PROCESS GENERATING WASTE: **plant cleaning process**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS	VISCOSITY (If liquid present)	COLOR
SOLID WITHOUT FREE LIQUID	1 2 3 TOP 0.00	1 - 100 (e.g. Water)	black brown
POWDER	% BY VOLUME (Approx.) MIDDLE 0.00	101 - 500 (e.g. Motor Oil)	
MONOLITHIC SOLID	BOTTOM 0.00	501 - 10,000 (e.g. Molasses)	
LIQUID WITH NO SOLIDS		> 10,000	
LIQUID/SOLID MIXTURE			
% FREE LIQUID	ODOR	MELTING POINT °F (°C)	TOTAL ORGANIC CARBON
% SETTLED SOLID	NONE	< 95 (<35)	<= 1%
% TOTAL SUSPENDED SOLID	☒ MILD	95 - 100 (35-38)	☒ 1-9%
☒ SLUDGE	STRONG	101 - 129 (38-54)	>= 10%
GAS/AEROSOL	Describe:	> 130 (>54)	

FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH	BTU/LB (MJ/kg)
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	< 2,000 (<4.6)
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0 ☒ Unknown	☒ 2,000-5,000 (4.6-11.6)
101 - 140 (38-60)	7 (Neutral)	1.0 (e.g. Water)	1.1 - 5.0	5,000-10,000 (11.6-23.2)
141 - 200 (60-93)	☒ 7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0	> 10,000 (>23.2)
> 200 (>93)	>= 12.5	☒ > 1.2 (e.g. Methylene Chloride)		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	MIN	MAX	UOM
BENZENE	0.0500000	0.0500000	PPM
DIESEL RANGE ORGANICS	17200.000000	17200.000000	PPM
	0	00	
ETHYLBENZENE	0.9100000	0.9100000	PPM
GASOLINE RANGE	104.0000000	104.0000000	PPM
M,P-XYLENE	6.1000000	6.1000000	PPM
O-XYLENE	4.6100000	4.6100000	PPM
TOLUENE	0.9760000	0.9760000	PPM
VACUUM TRUCK SLUDGE WITH BUNKER FUEL	100.0000000	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. **G14** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W609**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS						
D018	BENZENE	0.5	0.0498			
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			☒
CHLORINE			☒
FLUORINE			☒
IODINE			☒
SULFUR			☒
POTASSIUM			☒
SODIUM			☒
AMMONIA			☒
CYANIDE AMENABLE			☒
CYANIDE REACTIVE			☒
CYANIDE TOTAL			☒
SULFIDE REACTIVE			☒

HOCs	PCBs
☒ NONE	☒ NONE
< 1000 PPM	< 50 PPM
>= 1000 PPM	>= 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES	☒ NO

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
POLYMERIZABLEEXPLOSIVE
RADIOACTIVEFUMING
REACTIVE MATERIALOSHA REGULATED CARCINOGENS
☒ NONE OF THE ABOVE



F. REGULATORY STATUS

☒	YES	NO	USEPA HAZARDOUS WASTE?	D018 F003 F005
YES	☒	NO	DO ANY STATE WASTE CODES APPLY?	
			Texas Waste Code	OUTS609H
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:	This is 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?	0.000000 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 :	facility is closed under anEPA cleaning

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

HA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TOLUENE,BENZENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED	BULK LIQUID		BULK SOLID	
5-5 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min -0 Max		GAL.	SHIPMENT UOM: TON YARD
STORAGE CAPACITY:				TONS/YARDS/SHIPMENT: 0 Min - 0 Max
CONTAINER TYPE:				
CUBIC YARD BOX	PALLET			
TOTE TANK	☒ DRUM			
OTHER:	DRUM SIZE: 55			

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)

TITLE

DATE

carlos.cordero@arcadis-us.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH581528B

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0**

GENERATOR NAME: **Puma Energy Caribe LLC**
CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
PHONE: **(787) 679-4058**
CUSTOMER NAME: **Puma Energy Caribe LLC**
CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **PUMA DUM-SL**

PROCESS GENERATING WASTE: **spill clean ups at plant**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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				VISCOSITY (If liquid present)		COLOR brown
	1	2	3	TOP	0.00	1 - 100 (e.g. Water)	
	% BY VOLUME (Approx.)				MIDDLE	0.00	101 - 500 (e.g. Motor Oil)
					BOTTOM	0.00	501 - 10,000 (e.g. Molasses) > 10,000
ODOR 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) ☒ > 200 (> 93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0		BTU/LB (MJ/kg) < 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	MIN	MAX	UOM
2-METHYLPHENOL (O-CRESOL)	0.1020000	0.1020000	PPM
BENZENE	0.6190000	0.6190000	PPM
DIESEL RANGE ORGANICS	24100.000000	24100.000000	PPM
ETHYLBENZENE	4.6400000	4.6400000	PPM
GASOLINE RANGE ORGANICS	360.0000000	360.0000000	PPM
M,P-XYLENE	28.7000000	28.7000000	PPM
O-XYLENE	14.7000000	14.7000000	PPM
SOIL/GRAVEL	100.0000000	100.0000000	%
TOLUENE	7.1400000	7.1400000	PPM

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. **G32**

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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS						
D018	BENZENE	0.5	0.6190			
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	8.0				
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				
D028	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				
D018	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			☒
CHLORINE			☒
FLUORINE			☒
IODINE			☒
SULFUR			☒
POTASSIUM			☒
SODIUM			☒
AMMONIA			☒
CYANIDE AMENABLE			☒
CYANIDE REACTIVE			☒
CYANIDE TOTAL			☒
SULFIDE REACTIVE			☒

HOCs	PCBs
☒ NONE	☒ NONE
< 1000 PPM	< 50 PPM
>= 1000 PPM	>= 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES ☒ NO	

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?	<u>D018 F003 F005</u>
YES	☒	NO	DO ANY STATE WASTE CODES APPLY?	
			Texas Waste Code	<u>OUTS301H</u>
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:	<u>This is subject to LDR.</u>
			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 F008 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?	<u>0.000000</u> 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:	<u>site is not operating - is under an EPA consent order of cleanup contamination due to fire</u>

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, TOLUENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

CONTAINERIZED		BULK LIQUID		☒ BULK SOLID
0-0 CONTAINERS/SHIPMENT		GALLONS/SHIPMENT: 0 Min -0 Max		GAL.
STORAGE CAPACITY:				SHIPMENT UOM: TON ☒ YARD
CONTAINER TYPE:				TONS/YARDS/SHIPMENT: 15.00 Min - 20.00 Max
CUBIC YARD BOX	PALLET			
TOTE TANK	DRUM			
OTHER:	DRUM SIZE:			

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:
APHIS REGULATED SOIL

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)	TITLE	DATE
<u>carlos.cordero@arcadis-us.com</u>			

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH574597B

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0**

GENERATOR NAME: **Puma Energy Caribe LLC**
CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
PHONE: **(787) 679-4058**
CUSTOMER NAME: **Puma Energy Caribe LLC**
CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **QV-15-clay treater**

PROCESS GENERATING WASTE: **Waste from Clay Treater Tank QV-15**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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				VISCOSITY (If liquid present)		COLOR various
	1	2	3	TOP	1 - 100 (e.g. Water)		
	% BY VOLUME (Approx.)				MIDDLE	101 - 500 (e.g. Motor Oil)	
					BOTTOM	501 - 10,000 (e.g. Molasses)	
ODOR 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) ☒ > 200 (≥ 93)	TOTAL ORGANIC CARBON ≤ 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 ☒ 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) ☒ > 1.2 (e.g. Methylene Chloride)		ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0		BTU/LB (MJ/kg) ≤ 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	MIN	MAX	UOM
2-METHYLPHENOL	2.60000000	2.60000000	PPM
3&4-METHYLPHENOL	2.78000000	2.78000000	PPM
BENZENE	18.70000000	18.70000000	PPM
DIESEL	107000.000000	107000.000000	PPM
ETHYLBENZENE	55.50000000	55.50000000	PPM
GASOLINE RANGE	4190.00000000	4190.00000000	PPM
M,P-XYLENE	283.00000000	283.00000000	PPM
O-XYLENE	118.00000000	118.00000000	PPM
QV-15 CLAY TREATER/SOIL/CERAMIC BALLS/SALED DRYER	100.00000000	100.00000000	%
TOLUENE	135.00000000	135.00000000	PPM

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. **G14**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒	
D005	BARIUM	100.0				☒	
D006	CADMIUM	1.0				☒	
D007	CHROMIUM	5.0				☒	
D008	LEAD	5.0				☒	
D009	MERCURY	0.2				☒	
D010	SELENIUM	1.0				☒	
D011	SILVER	5.0				☒	
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
D018	BENZENE	0.5	18.7000	BROMINE			☒
D019	CARBON TETRACHLORIDE	0.5		CHLORINE			☒
D021	CHLOROBENZENE	100.0		FLUORINE			☒
D022	CHLOROFORM	6.0		IODINE			☒
D028	1,2-DICHLOROETHANE	0.5		SULFUR			☒
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM			☒
D035	METHYL ETHYL KETONE	200.0		SODIUM			☒
D039	TETRACHLOROETHYLENE	0.7		AMMONIA			☒
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE			☒
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE			☒
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL			☒
D023	o-CRESOL	200.0		SULFIDE REACTIVE			☒
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					

HOCs
☒ NONE
 < 1000 PPM
 >= 1000 PPM

PCBs
☒ NONE
 < 50 PPM
 >= 50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

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?	D018 F005
YES	☒	NO	DO ANY STATE WASTE CODES APPLY?	
			Texas Waste Code	outs409h
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:	This is 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 $\geq .3$ KPA (.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?	0.000000 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:	facility is not operating they are under a EPA order clean up

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, TOLUENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

CONTAINERIZED		BULK LIQUID		☒ BULK SOLID
0-0 CONTAINERS/SHIPMENT		GALLONS/SHIPMENT: 0 Min -0 Max		GAL.
STORAGE CAPACITY:				SHIPMENT UOM: TON ☒ YARD
CONTAINER TYPE:				TONS/YARDS/SHIPMENT: 20.00 Min - 60.00 Max
CUBIC YARD BOX	PALLET			
TOTE TANK	DRUM			
OTHER:	DRUM SIZE:			

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:
BW and DE only approved

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)

TITLE

DATE

carlos.ramos@puma-energy.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH556989B

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **waste from Tank 612**

PROCESS GENERATING WASTE: **tank cleaning and sludge removal**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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				VISCOSITY (If liquid present)		COLOR brown
	1	2	3	TOP	1 - 100 (e.g. Water)		
	% BY VOLUME (Approx.)				MIDDLE	101 - 500 (e.g. Motor Oil)	
					BOTTOM	501 - 10,000 (e.g. Molasses)	
ODOR		BOILING POINT °F (°C)		MELTING POINT °F (°C)		TOTAL ORGANIC CARBON	
NONE		<= 95 (<=35)		< 140 (<80)		<= 1%	
☒ MILD		95 - 100 (35-38)		140-200 (60-93)		1-9%	
STRONG		101 - 129 (38-54)		☒ > 200 (>93)		☒ >= 10%	
Describe:		>= 130 (>54)					
FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY		ASH		BTU/LB (MJ/kg)	
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)		< 0.1		< 2,000 (<4.6)	
73 - 100 (23-38)	☒ 2.1 - 6.9	0.8-1.0 (e.g. Ethanol)		0.1 - 1.0		2,000-5,000 (4.6-11.6)	
101 - 140 (38-60)	7 (Neutral)	1.0 (e.g. Water)		1.1 - 5.0		☒ 5,000-10,000 (11.6-23.2)	
141 - 200 (60-93)	7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)		5.1 - 20.0		> 10,000 (>23.2)	
> 200 (>93)	>= 12.5	☒ > 1.2 (e.g. Methylene Chloride)				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	MIN	MAX	UOM
BENZENE	2.0000000	2.0000000	PPM
DIESEL	112000.00000	112000.0000	PPM
ETHYLBENZENE	3.0000000	3.0000000	PPM
GASOLINE	131.0000000	131.0000000	PPM
SLUDGE SOLIDIFIED	100.0000000	100.0000000	%
XYLENES	9.2800000	9.2800000	PPM

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. **G14** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W409**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS						
D018	BENZENE	0.5	1.5100			
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			☒
CHLORINE			☒
FLUORINE			☒
IODINE			☒
SULFUR			☒
POTASSIUM			☒
SODIUM			☒
AMMONIA			☒
CYANIDE AMENABLE			☒
CYANIDE REACTIVE			☒
CYANIDE TOTAL			☒
SULFIDE REACTIVE			☒

HOCs	PCBs
☒ NONE < 1000 PPM ≥ 1000 PPM	☒ NONE < 50 PPM ≥ 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES ☒ NO	

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

40 CFR Sec. 264.12 required notice:
As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.
Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.

This waste profile has been submitted using Clean Harbors' electronic signature system.

nilizida.cardona@puma-energy.com

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)** **TITLE** **DATE**

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

H. TRANSPORTATION REQUIREMENTS
ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME ☐ WEEKLY ☐ MONTHLY ☐ QUARTERLY ☐ YEARLY ☐ OTHER
CONTAINERIZED ☒ CONTAINERS/SHIPMENT ☐ BULK LIQUID ☐ BULK SOLID
STORAGE CAPACITY: ☐ CUBIC YARD BOX ☐ PALLET ☐ DRUM ☐ TOTE TANK ☐ OTHER:
CONTAINER TYPE: ☐ DRUM SIZE:
TONS/YARDS/SHIPMENT: 40.00 Min - 80.00 Max
SHIPMENT UOM: ☒ TON ☐ YARD

HA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE,XYLENES), 9, PG III

DOT/DOG PROPER SHIPPING NAME:

G. DOT/DOG INFORMATION

Describe the knowledge: ☐ Facility is closed is under EPA clean up order
The basis for this determination is: Knowledge of the Waste Or Test Data
What is the TAB quantity for your facility? 0.000000 Megagram/year (1 Mg = 2,200 lbs)
YES ☒ NO ☐ Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) > 10 Mg/year?
YES ☒ NO ☐ Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAPE or is this waste regulated under the benzene NESHAPE rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?
YES ☒ NO ☐ IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?
Hazardous Organic NESHAPE (HON) rule (subpart G)
Pharmaceuticals production (subpart GG)
YES ☒ NO ☐ IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAPE RULES?
YES ☒ NO ☐ IS THIS CERCLA REGULATED (SUPERFUND) WASTE?
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 ☐ DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?
YES ☒ NO ☐ DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?
YES ☒ NO ☐ IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?
YES ☒ NO ☐ DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?
YES ☒ NO ☐ IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(iii))?
YES ☒ NO ☐ IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?
YES ☒ NO ☐ IS THIS A UNIVERSAL WASTE?

LDR CATEGORY: ☐ VARIANCE INFO: ☐ This is subject to LDR

IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

Texas Waste Code ☐ OUTS409H

DO ANY STATE WASTE CODES APPLY?

D018 F003 F005

USEPA HAZARDOUS WASTE? YES ☒ NO ☐

F. REGULATORY STATUS



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH576069

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION #

PRD000632182

GENERATOR NAME:

Puma Energy Caribe LLC

GENERATOR CODE (Assigned by Clean Harbors)

PU1208

CITY

Bayamon

STATE/PROVINCE

PR

ZIP/POSTAL CODE

00961

ADDRESS

Luchetti Industrial Park Road# 28 Km 2.0

PHONE: (787) 679-4058

CUSTOMER CODE (Assigned by Clean Harbors)

PU1208

CUSTOMER NAME:

Puma Energy Caribe LLC

ADDRESS

Luchetti Industrial Park Road# 28 Km 2.0

CITY

Bayamon

STATE/PROVINCE

PR

ZIP/POSTAL CODE

00961

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **PPE, Absorbent Mat, Liners, Plastic Scrap, Soil with Tar**

PROCESS GENERATING WASTE:

cleaning operations at plant

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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				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
	1	2	3	TOP		
	% BY VOLUME (Approx.)			MIDDLE		
				BOTTOM		
ODOR 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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON <= 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) < 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

DIESEL RANGE ORGANICS

MIN -- MAX UOM

135000.00000 -- 135000.00000 PPM

EHTYLBENZENE

4.6000000 -- 4.6000000 PPM

GASOLINE RANGE

265.0000000 -- 265.0000000 PPM

M,P-XYLENE

20.5000000 -- 20.5000000 PPM

O-XYLENE

10.9000000 -- 10.9000000 PPM

PPE, ABSORBENT MATERIALS, LINERS, PLASTIC SCRAP, SOIL W/ TAR

100.0000000 -- 100.0000000 %

SELENIUM

0.2470000 -- 0.2470000 PPM

TOLUENE

11.3000000 -- 11.3000000 PPM

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. **G13**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0	0.2470			☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS				OTHER CONSTITUENTS		
D018	BENZENE	0.5			MAX	UOM
D019	CARBON TETRACHLORIDE	0.5				NOT APPLICABLE
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				OTHER CONSTITUENTS		
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				OTHER CONSTITUENTS		
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				☒
ADDITIONAL HAZARDS				OTHER CONSTITUENTS		
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?				HOCs		
YES ☒ NO (If yes, explain)				NONE ☒		
				< 1000 PPM		
				>= 1000 PPM		
				PCBs		
				NONE ☒		
				< 50 PPM		
				>= 50 PPM		
				IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?		
				YES ☒ NO		

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



☒	YES	NO	USEPA HAZARDOUS WASTE?	D010 F005
	YES	☒	NO	DO ANY STATE WASTE CODES APPLY?
				Texas Waste Code outs002h
	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:	This is 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:	

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (TOLUENE,SELENIUM), 9, PG III

TONS/YARDS/SHIPMENT: 0 Min - 0 Max

COMMENTS OR REQUESTS:

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.

DATE _____

carlos.ramos@puma-energy.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH576070

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Soil, gravel, grass, wood, PPE, AbsMat with Bunker fuel**

PROCESS GENERATING WASTE: **cleaning operations at plant**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON ☒ <= 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 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) ☒ > 1.2 (e.g. Methylene Chloride)		ASH < 0.1 0.1 - 1.0 ☒ 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) < 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	MIN	MAX	UOM
2,4-D	0.0980000	0.0980000	PPM
DIESEL RANGE ORGANICS	7890.0000000	7890.0000000	PPM
GASOLINE RANGE	3.5800000	3.5800000	PPM
M,P-XYLENE	0.0990000	0.0990000	PPM
O-XYLENE	0.0370000	0.0370000	PPM
SOIL, GRAVEL, GRASS, WOOD, PPE, ABS MAT WITH BUNKER FUEL	100.0000000	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. **G13** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
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	0.0977			
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				
OTHER CONSTITUENTS						
	BROMINE					☒
	CHLORINE					☒
	FLUORINE					☒
	IODINE					☒
	SULFUR					☒
	POTASSIUM					☒
	SODIUM					☒
	AMMONIA					☒
	CYANIDE AMENABLE					☒
	CYANIDE REACTIVE					☒
	CYANIDE TOTAL					☒
	SULFIDE REACTIVE					☒
HOCs						
☒ NONE						
< 1000 PPM						
>= 1000 PPM						
PCBs						
☒ NONE						
< 50 PPM						
>= 50 PPM						
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?						
YES ☒ NO						

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?	D016
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:	This is 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 F008 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:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (2,4-D), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

☒ CONTAINERIZED	BULK LIQUID		BULK SOLID	
8-8 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min -0 Max	GAL.	SHIPMENT UOM:	TON YARD
STORAGE CAPACITY:			TONS/YARDS/SHIPMENT: 0 Min - 0 Max	
CONTAINER TYPE:				
CUBIC YARD BOX	PALLET			
TOTE TANK	☒ DRUM			
OTHER:	DRUM SIZE: 55			

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)

TITLE

DATE

carlos.ramos@puma-energy.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage those wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH576071

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Grass inside WWTP with Bunker Fuel**

PROCESS GENERATING WASTE: **cleaning operations at Plant**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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				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	
	1	2	3	TOP			0.00
	% BY VOLUME (Approx.)			MIDDLE			0.00
				BOTTOM			0.00
ODOR 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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ > 20 Unknown	BTU/LB (MJ/kg) ☒ < 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	MIN	MAX	UOM
2,4-D	0.03800000	0.03900000	PPM
DIESEL RANGE ORGANICS	1820.00000000	1820.00000000	PPM
		0	
GRASS INSIDE WWTP WITH BUNKER FUEL	100.00000000	100.00000000	%

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. **G13** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS			OTHER CONSTITUENTS			MAX UOM NOT APPLICABLE
D018	BENZENE	0.5		BROMINE		☒
D019	CARBON TETRACHLORIDE	0.5		CHLORINE		☒
D021	CHLOROBENZENE	100.0		FLUORINE		☒
D022	CHLOROFORM	6.0		IODINE		☒
D028	1,2-DICHLOROETHANE	0.5		SULFUR		☒
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM		☒
D035	METHYL ETHYL KETONE	200.0		SODIUM		☒
D039	TETRACHLOROETHYLENE	0.7		AMMONIA		☒
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE		☒
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE		☒
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL		☒
D023	o-CRESOL	200.0		SULFIDE REACTIVE		☒
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	0.0387			
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

HOCS
☒ NONE
< 1000 PPM
>= 1000 PPM

PCBS
☒ NONE
< 50 PPM
>=50 PPM
IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

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?	D016	
	YES	☒	DO ANY STATE WASTE CODES APPLY?		
			Texas Waste Code	OUTS409H	
	YES	☒	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: This is subject to LDR. VARIANCE INFO:	
	YES	☒	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	☒	DOES TREATMENT OF THIS WASTE GENERATE A F008 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	☒	DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?		
	YES	☒	DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?		
	YES	☒	IS THIS CERCLA REGULATED (SUPERFUND) WASTE?		
	YES	☒	IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?	Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)	
	YES	☒	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:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (2,4-D), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

☒	CONTAINERIZED	BULK LIQUID		BULK SOLID	
9-9	CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min - 0 Max	GAL.	SHIPMENT UOM:	TON YARD
STORAGE CAPACITY:		TONS/YARDS/SHIPMENT: 0 Min - 0 Max			
CONTAINER TYPE:					
CUBIC YARD BOX PALLET					
TOTE TANK ☒ DRUM					
OTHER:					
DRUM SIZE: 55					

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)	TITLE	DATE
<u>carlos.ramos@puma-energy.com</u>	<u></u>	<u></u>	<u></u>

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH576067

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Plastic Scrap, PPE contaminated with waste of Tank 452**

PROCESS GENERATING WASTE: **tank cleaning residues**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 brown			
	ODOR 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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON <= 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 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) ☒ > 1.2 (e.g. Methylene Chloride)		ASH < 0.1 0.1 - 1.0 ☒ 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) < 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	MIN	MAX	UOM
BENZENE	2.4000000	2.4000000	PPM
DIESEL	20.0000000	30.0000000	%
GASOLINE	5.0000000	10.0000000	%
PLASTIC SCRAP, PPE CONTAMINATED WITH WASTE OF TANK 452	100.0000000	100.0000000	%
TOLUENE	2.6000000	2.6000000	PPM

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. **G14** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W409**



E. CONSTITUENTS

Are these values based on testing or knowledge? ☒ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

process knowledge, Plastic Scrap, PPE contaminated with waste of Tank 452

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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM
D018	BENZENE	0.5	2.4000			NOT APPLICABLE
D019	CARBON TETRACHLORIDE	0.5		BROMINE		☒
D021	CHLOROBENZENE	100.0		CHLORINE		☒
D022	CHLOROFORM	6.0		FLUORINE		☒
D028	1,2-DICHLOROETHANE	0.5		IODINE		☒
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR		☒
D035	METHYL ETHYL KETONE	200.0		POTASSIUM		☒
D039	TETRACHLOROETHYLENE	0.7		SODIUM		☒
D040	TRICHLOROETHYLENE	0.5		AMMONIA		☒
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE		☒
SEMI-VOLATILE COMPOUNDS				CYANIDE REACTIVE		☒
D023	o-CRESOL	200.0		CYANIDE TOTAL		☒
D024	m-CRESOL	200.0		SULFIDE REACTIVE		☒
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				

HOCs
☒ NONE
 < 1000 PPM
 >= 1000 PPM

PCBs
☒ NONE
 < 50 PPM
 >= 50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

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?	D018 F005
	YES	☒	NO	DO ANY STATE WASTE CODES APPLY?
				Texas Waste Code outs409h
	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: This is 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 F008 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? 0.000000 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 : plant is closed no operations they are under a EPA order clean up

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

HA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE,TOLUENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

☒ CONTAINERIZED	BULK LIQUID		BULK SOLID	
6-6 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min -0 Max	GAL.	SHIPMENT UOM:	TON YARD
STORAGE CAPACITY:			TONS/YARDS/SHIPMENT: 0 Min - 0 Max	
CONTAINER TYPE:				
CUBIC YARD BOX PALLET				
TOTE TANK ☒ DRUM				
OTHER:				
DRUM SIZE: 55				

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)

TITLE

DATE

carlos.ramos@puma-energy.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage those wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH576065

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 879-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Pads, PPE and plastic scrap contaminated with Tank 612**

PROCESS GENERATING WASTE: **tank cleaning of tank 6**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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				VISCOSITY (If liquid present)		COLOR various
	1	2	3	TOP	1 - 100 (e.g. Water)		
	% BY VOLUME (Approx.)				MIDDLE	101 - 500 (e.g. Motor Oil)	
					BOTTOM	501 - 10,000 (e.g. Molasses)	
ODOR 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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0		BTU/LB (MJ/kg) ≤ 2,000 (<4.6) 2,000-5,000 (4.6-11.6) ☒ 5,000-10,000 (11.8-23.2) ≥ 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	MIN	MAX	UOM
BENZENE	2.0000000	2.0000000	PPM
DIESEL	112000.00000	112000.00000	PPM
ETHYLBENZENE	3.0000000	3.0000000	PPM
GASOLINE	131.0000000	131.0000000	PPM
PADS/PPE/PLASTIC SCRAP	100.0000000	100.0000000	%
XYLENES	9.2800000	9.2800000	PPM

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. **G14**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W409**



E. CONSTITUENTS

Are these values based on testing or knowledge? ☒ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and/or detailed process or operating procedures which generate the waste.

process knowledge, generated from tank cleaning with the contaminants describe in composition

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				☒	
D005	BARIUM	100.0				☒	
D006	CADMIUM	1.0				☒	
D007	CHROMIUM	5.0				☒	
D008	LEAD	5.0				☒	
D009	MERCURY	0.2				☒	
D010	SELENIUM	1.0				☒	
D011	SILVER	5.0				☒	
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
D018	BENZENE	0.5	1.5100				☒
D019	CARBON TETRACHLORIDE	0.5		BROMINE			☒
D021	CHLOROBENZENE	100.0		CHLORINE			☒
D022	CHLOROFORM	8.0		FLUORINE			☒
D028	1,2-DICHLOROETHANE	0.5		IODINE			☒
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR			☒
D035	METHYL ETHYL KETONE	200.0		POTASSIUM			☒
D039	TETRACHLOROETHYLENE	0.7		SODIUM			☒
D040	TRICHLOROETHYLENE	0.5		AMMONIA			☒
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE			☒
SEMI-VOLATILE COMPOUNDS				CYANIDE REACTIVE			☒
D023	o-CRESOL	200.0		CYANIDE TOTAL			☒
D024	m-CRESOL	200.0		SULFIDE REACTIVE			☒
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					

HOCs
☒ NONE
 < 1000 PPM
 >= 1000 PPM

PCBs
☒ NONE
 < 50 PPM
 >=50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 781?
YES ☒ NO

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?

D018 F003 F005

☒ YES ☐ NO DO ANY STATE WASTE CODES APPLY?

OUTS409H

☒ 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:
VARIANCE INFO:

This is subject to LDR

☒ 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 VOCs 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 NESHAPE RULES?

☐ 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 NESHAPE or is this waste regulated under the benzene NESHAPE 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? **0.000000** Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Describe the knowledge: **Facility is closed is under EPA clean up order**

G. DOT/IDG INFORMATION

DOT/IDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, XYLENES), 9, PG III

H. TRANSPORTATION REQUIREMENTS

☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

☒ CONTAINERIZED ☐ BULK LIQUID

7-7 CONTAINERS/SHIPMENT

STORAGE CAPACITY:

CUBIC YARD BOX

TOTE TANK

OTHER:

DRUM SIZE: 55

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATORS 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)

TITLE

DATE

carlos.ramirez@puma-energy.com

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all applicable State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and/or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes. Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH581887

A. GENERAL INFORMATION

GENERATOR EPA ID #REGISTRATION # **PRD000632182**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0**

GENERATOR NAME: **Puma Energy Caribe LLC**
CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

CUSTOMER CODE (Assigned by Clean Harbors) **PU1208**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0**

PHONE: **(787) 679-4058**
CUSTOMER NAME: **Puma Energy Caribe LLC**
CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Absorbent materials, PPE, plastic w bunker, jet fuel, diesel**

PROCESS GENERATING WASTE: **Spill clean up at plant (Puma D-48)**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS				VISCOSITY (If liquid present) 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	COLOR brown	
	1	2	3	TOP			
☒ SOLID WITHOUT FREE LIQUID				0.00			
POWDER							
MONOLITHIC SOLID							
LIQUID WITH NO SOLIDS							
LIQUID/SOLID MIXTURE							
% FREE LIQUID							
% SETTLED SOLID							
% TOTAL SUSPENDED SOLID							
SLUDGE							
GAS/AEROSOL							
ODOR					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) ☒ > 200 (>93)	TOTAL ORGANIC CARBON ☒ <= 1% ☒ 1-9% ☐ >= 10%
NONE ☒ MILD STRONG Describe:							
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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ > 20 Unknown		BTU/LB (MJ/kg) < 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	MIN	MAX	UOM
BENZENE	68.7000000	68.7000000	PPM
DIESEL RANGE ORGANICS	42200.000000	42200.000000	PPM
ETHYLBEZENE	272.0000000	272.0000000	PPM
GASOLINE RANGE ORGANICS	18500.000000	18500.000000	PPM
M,P-XYLENE	1360.0000000	1360.0000000	PPM
O-XYLENE	593.0000000	593.0000000	PPM
TOLUENE	737.0000000	737.0000000	PPM

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.

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE.



E. CONSTITUENTS

Are these values based on testing or knowledge?



Knowledge

Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS				OTHER CONSTITUENTS		
D018	BENZENE	0.5				MAX
D019	CARBON TETRACHLORIDE	0.5		BROMINE		UOM
D021	CHLOROBENZENE	100.0		CHLORINE		NOT APPLICABLE
D022	CHLOROFORM	6.0		FLUORINE		
D028	1,2-DICHLOROETHANE	0.5		IODINE		
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR		
D035	METHYL ETHYL KETONE	200.0		POTASSIUM		
D039	TETRACHLOROETHYLENE	0.7		SODIUM		
D040	TRICHLOROETHYLENE	0.5		AMMONIA		
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE		
SEMI-VOLATILE COMPOUNDS				CYANIDE REACTIVE		
D023	o-CRESOL	200.0		CYANIDE TOTAL		
D024	m-CRESOL	200.0		SULFIDE REACTIVE		
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				

HOCs
☒ NONE
< 1000 PPM
≥ 1000 PPM

PCBs
☒ NONE
< 50 PPM
≥ 50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

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?

D018 F003 F005

☒ YES ☐ NO DO ANY STATE WASTE CODES APPLY?

001301h

☒ 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:
VARIANCE INFO:

This is subject to LDR.

☒ 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 VOCs 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 NESHAPE RULES?

Hazardous Organic NESHAPE (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 NESHAPE or is this waste regulated under the benzene NESHAPE 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? **0.000000** Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Describe the knowledge: **site is not operating is under EPA consent order of cleanup contamination due fire**

G. DOT/IDG INFORMATION

DOT/IDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, TOLUENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☐ ONE TIME ☐ WEEKLY ☐ MONTHLY ☒ QUARTERLY ☐ YEARLY ☐ OTHER

☒ CONTAINERIZED

10-10 CONTAINERS/SHIPMENT

STORAGE CAPACITY: **55**

CONTAINER TYPE:

CUBIC YARD BOX

TOTE TANK ☒ DRUM

OTHER: DRUM SIZE: **55**

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATORS 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)

TITLE

DATE

BULK LIQUID
GALLONS/SHIPMENT: **0 Min - 0 Max**

BULK SOLID
SHIPMENT UOM: **TON**
TONS/YARDS/SHIPMENT: **0 Min - 0 Max**



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH581916

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Soil gravel, grass, plastic, absorbent with bunker fuel**

PROCESS GENERATING WASTE: **Spill clean up at plant (Puma D-55)**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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		VISCOSITY (If liquid present)		COLOR brown
	1	2	3	TOP	
	% BY VOLUME (Approx.)		MIDDLE	0.00	101 - 500 (e.g. Motor Oil)
			BOTTOM	0.00	501 - 10,000 (e.g. Molasses)
ODOR 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) ☒ > 200 (≥ 93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) ≤ 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	MIN	MAX	UOM
BENZENE	0.83000000	0.83000000	PPM
DIESEL RANGE ORGANICS	7560.00000000	7560.00000000	PPM
ETHYLBEZENE	2.07000000	2.07000000	PPM
GASOLINE RANGE ORGANICS	86.20000000	86.20000000	PPM
M,P-XYLENE	10.30000000	10.30000000	PPM
O-XYLENE	3.19000000	3.19000000	PPM
TOLUENE	7.99000000	7.99000000	PPM

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.

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE.



E. CONSTITUENTS

Are these values based on testing or knowledge? ☒ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
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		NA	
CHLORINE		NA	
FLUORINE		NA	
IODINE		NA	
SULFUR		NA	
POTASSIUM		NA	
SODIUM		NA	
AMMONIA		NA	
CYANIDE AMENABLE		NA	
CYANIDE REACTIVE		NA	
CYANIDE TOTAL		NA	
SULFIDE REACTIVE		NA	

HOCs	PCBs
☒ NONE	☒ NONE
< 1000 PPM	< 50 PPM
>= 1000 PPM	>= 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES ☒ NO	

ADDITIONAL HAZARDS

DOES THIS HAZARD 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

USEPA HAZARDOUS WASTE? YES ☒ NO ☐

D018 F003 F005

DO ANY STATE WASTE CODES APPLY? YES ☒ NO ☐

Texas Waste Code

DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY? YES ☒ NO ☐

IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268? YES ☒ NO ☐

LDR CATEGORY:

VARANCE INFO: This is subject to LDR

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)(iii))?

DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

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?

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)

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?

Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) > 10 Mgy/year?

What is the TAB quantity for your facility? 0.000000 Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Describe the knowledge: ☒ Knowledge ☐ Testing

Plant is closed no operations they are under a EPA order clean up.

G. DOT/PG INFORMATION

DOT/PG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE,XYLENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

CONTAINERIZED ☒

9-9 CONTAINERS/SHIPMENT

STORAGE CAPACITY: 55

CONTAINER TYPE:

CUBIC YARD BOX

TOTE TANK

OTHER:

DRUM SIZE: 55

COMMENTS OR REQUESTS:

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) TITLE DATE



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH581983

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Gravel Absorbent material, plastic, Scrap, cont Hydraulic Oil**

PROCESS GENERATING WASTE: **Spill clean up plant (Puma D-65)**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS				VISCOSITY (If liquid present)	COLOR
☒ SOLID WITHOUT FREE LIQUID	1	2	3	TOP	1 - 100 (e.g. Water)	
POWDER	% BY VOLUME (Approx.)			MIDDLE	101 - 500 (e.g. Motor Oil)	
MONOLITHIC SOLID				BOTTOM	501 - 10,000 (e.g. Molasses)	
LIQUID WITH NO SOLIDS					> 10,000	
LIQUID/SOLID MIXTURE						
% FREE LIQUID						
% SETTLED SOLID						
% TOTAL SUSPENDED SOLID						
SLUDGE						
GAS/AEROSOL						
	ODOR			BOILING POINT °F (°C)	MELTING POINT °F (°C)	TOTAL ORGANIC CARBON
	NONE			<= 95 (<=35)	< 140 (<60)	<= 1%
	☒ MILD			95 - 100 (35-38)	140-200 (60-93)	1-9%
	STRONG			101 - 129 (38-54)	☒ > 200 (>93)	>= 10%
	Describe:			>= 130 (>54)		

FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH	BTU/LB (MJ/kg)
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	< 2,000 (<4.6)
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0 ☒ Unknown	☒ 2,000-5,000 (4.6-11.6)
101 - 140 (38-60)	7 (Neutral)	1.0 (e.g. Water)	1.1 - 5.0	5,000-10,000 (11.6-23.2)
141 - 200 (60-93)	☒ 7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0	> 10,000 (>23.2)
> 200 (>93)	>= 12.5	☒ > 1.2 (e.g. Methylene Chloride)		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	MIN	MAX	UOM
BENZENE	0.1730000	0.1730000	PPM
DIESEL RANGE ORGANICS	21400.000000	21400.000000	PPM
	0	00	
ETHYLBEZENE	5.4500000	5.4500000	PPM
GASOLINE RANGE ORGANICS	150.0000000	150.0000000	PPM
M,P-XYLENE	29.8000000	29.8000000	PPM
O-XYLENE	15.9000000	15.9000000	PPM
TOLUENE	2.2100000	2.2100000	PPM

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. SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE.



E. CONSTITUENTS

Are these values based on testing or knowledge?



Knowledge

Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

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				☒
D005	BARIUM	100.0				☒
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS			OTHER CONSTITUENTS			MAX UOM NOT APPLICABLE
D018	BENZENE	0.5		BROMINE		NA
D019	CARBON TETRACHLORIDE	0.5		CHLORINE		NA
D021	CHLOROBENZENE	100.0		FLUORINE		NA
D022	CHLOROFORM	6.0		IODINE		NA
D028	1,2-DICHLOROETHANE	0.5		SULFUR		NA
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM		NA
D035	METHYL ETHYL KETONE	200.0		SODIUM		NA
D039	TETRACHLOROETHYLENE	0.7		AMMONIA		NA
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE		NA
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE		NA
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL		NA
D023	o-CRESOL	200.0		SULFIDE REACTIVE		NA
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				

HOCS
☒ NONE
< 1000 PPM
≥ 1000 PPM

PCBS
☒ NONE
< 50 PPM
≥ 50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

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?
D018 F003 F005

YES ☒ NO DO ANY STATE WASTE CODES APPLY?
Texas Waste Code **outs301h**

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: **This is 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 F008 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 $\geq .3$ KPA (.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? **0.000000** 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: **Plant is closed no operations they are under a EPA order clean up**

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (ETHYLBENZENE,XYLENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY	ONE TIME	WEEKLY	MONTHLY	QUARTERLY	☒ YEARLY	OTHER
☒ CONTAINERIZED						
4-4 CONTAINERS/SHIPMENT						
STORAGE CAPACITY: 55						
CONTAINER TYPE:						
CUBIC YARD BOX	PALLET					
TOTE TANK	☒ DRUM					
OTHER:	DRUM SIZE: 55					
BULK LIQUID						
GALLONS/SHIPMENT: 0 Min - 0 Max						
GAL.						
BULK SOLID						
SHIPMENT UOM: TON YARD						
TONS/YARDS/SHIPMENT: 0 Min - 0 Max						

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)

TITLE

DATE



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH582023

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **PRD000632182** GENERATOR NAME: **Puma Energy Caribe LLC**
GENERATOR CODE (Assigned by Clean Harbors) **PU1208** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** PHONE: **(787) 679-4058**
CUSTOMER CODE (Assigned by Clean Harbors) **PU1208** CUSTOMER NAME: **Puma Energy Caribe LLC**
ADDRESS **Luchetti Industrial Park Road# 28 Km 2.0** CITY **Bayamon** STATE/PROVINCE **PR** ZIP/POSTAL CODE **00961**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **API sediment(Sludge), Vacuum Truck sludge, PPE, Plastic w oil**

PROCESS GENERATING WASTE: **Spill clean up at plant (PUMA D-66)**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE ☒ 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 Brown
	ODOR 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) ☒ > 200 (≥ 93)	TOTAL ORGANIC CARBON ≤ 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 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) ☒ > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 ☒ > 20 Unknown	BTU/LB (MJ/kg) ≤ 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	MIN	MAX	UOM
BENZENE	15.00000000	15.00000000	PPM
DIESEL RANGE ORGANICS	24900.00000000	24900.00000000	PPM
ETHYLBEZENE	37.00000000	37.00000000	PPM
GASOLINE RANGE ORGANICS	1310.00000000	1310.00000000	PPM
M,P-XYLENE	132.00000000	132.00000000	PPM
O-XYLENE	51.90000000	51.90000000	PPM
TOLUENE	79.00000000	79.00000000	PPM

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.

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE.



E. CONSTITUENTS

Are these values based on testing or knowledge?



Knowledge

Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

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				☒
D005	BARIUM	100.0	6.9200	6.9200000	PPM	
D006	CADMIUM	1.0				☒
D007	CHROMIUM	5.0				☒
D008	LEAD	5.0				☒
D009	MERCURY	0.2				☒
D010	SELENIUM	1.0				☒
D011	SILVER	5.0				☒
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM
D018	BENZENE	0.5		BROMINE		NA
D019	CARBON TETRACHLORIDE	0.5		CHLORINE		NA
D021	CHLOROBENZENE	100.0		FLUORINE		NA
D022	CHLOROFORM	8.0		IODINE		NA
D028	1,2-DICHLOROETHANE	0.5		SULFUR		NA
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM		NA
D035	METHYL ETHYL KETONE	200.0		SODIUM		NA
D039	TETRACHLOROETHYLENE	0.7		AMMONIA		NA
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE		NA
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE		NA
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL		NA
D023	o-CRESOL	200.0		SULFIDE REACTIVE		NA
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				

HOCs
☒ NONE
 < 1000 PPM
 >= 1000 PPM

PCBs
☒ NONE
 < 50 PPM
 >= 50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

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

USEPA HAZARDOUS WASTE? YES ☒ NO ☐

D018 F003 F005

DO ANY STATE WASTE CODES APPLY? YES ☒ NO ☐

Texas Waste Code

DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY? YES ☒ NO ☐

IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268? YES ☒ NO ☐

LDR CATEGORY: VARIANCE INFO:

This is subject to LDR

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)(iii))?

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

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

DOES THIS WASTE CONTAIN VOCs 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? YES ☒ NO ☐

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG) IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE? YES ☒ NO ☐

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 Mgy/year?

What is the TAB quantity for your facility? 0.000000 Megagrams/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Describe the knowledge: ☒ Knowledge ☐ Testing

Site is not operating is under order an EPA consent order of cleanup contamination due to fire

G. DOT/DO INFORMATION

DOT/DO PROPER SHIPPING NAME:

NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (TOLUENE, XYLENE), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY ☒ YEARLY OTHER

☒ CONTAINERIZED

4-4 CONTAINERS/SHIPMENT

STORAGE CAPACITY: \$5

CUBIC YARD BOX

TOTE TANK

OTHER: ☒ DRUM

DRUM SIZE: \$5

BULK LIQUID

GALLONS/SHIPMENT: 0 Min - 0 Max

GAL

BULK SOLID

SHIPMENT UOM:

TON

YARD

TONS/YARDS/SHIPMENT: 0 Min - 0 Max

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) TITLE DATE