



NEW PROFILE RECERT

Material Characterization Profile

Profile No: (for office use)

Section 1: Generator Information
Generator Name:
Generator EPA ID:
Pickup Address:
Technical Contact:
Email:
Phone:
Mailing Address:
Billing Contact:
Billing Name:
Billing Address:
Billing Email:
Billing Phone:
Billing Fax:

Section 2: Designated Shamrock Facility (Issued approvals are facility specific. Check all potential destinations desired for evaluation.)
Shamrock Corporate Park Drive Browns Summit, NC
Shamrock/Aqua Clean Environmental Lakeland, FL
Aqua-Terra Oxford, GA
Shamrock Richmond VA
Third Party Site (list if known/designated):
FER Oklahoma City, OK
Note: Materials managed directly or subsequently at third party sites may require additional analytical testing and/or profile documentation.

Section 3: Material Description & Characteristics
Name of Material:
Industrial Process Generating Material:
Metal Finishing Waste?
Site Activity Generating Material:
Shipping Information:
Container Type/Shipping Frequency:
Is the material off-specification or discarded commercial product?
Is the material a fuel, fuel component or fuel mixture?
Does the fuel, contain ethanol?
Is the material ignitable?
Is the material corrosive?
Is the material reactive?
Is the material a hazardous waste as defined in RCRA (40 CFR §261)?
Is the material/wastewater subject to a CWA Categorical Pretreatment Standard (40 CFR §400-471)?
Are any biotoxic components present in the material such as cyanide, chlorine, ethylene glycol, etc.?
Are there any known UV Transmittance issues with the wastewater?
Source of data/information used to support this profile (check all applicable):

Composition (key compounds, soil, water, PPE, debris, etc.):
Used Oil (40 CFR §279) & WTE Management Parameters:
Halogens/TOX:
BTU Value:
Sulfur:
Moisture:
Ash (%):
Viscosity (sus):
Is material derived from Horizontal Directional Drilling (HDD)?

Description:
Color:
Odor:
Viscosity:
Physical State @ 70°F:
pH:
Specific Gravity:
Flash Point:
TSS:
TDS/Conductivity:
Oil & Grease:
BOD5:
COD:
Nitrogen:
Cyanides:
Contains Chelating Agents?:
TSCA/PCBs?:
Dioxins?
Radioactive?
Does the material contain phthalates?:
Does the material contain 1,4-Dioxane, PFAS/PFOS or bromides?:



Wastewater Organics: Results below are: Total TCLP **BRL:** Handwrite Initial here if all results below are represented as Below Regulatory Levels

<input type="checkbox"/> Bis(2-ethylhexyl)phthalate: _____ ppm	<input type="checkbox"/> o-Cresol: _____ ppm	<input type="checkbox"/> Fluoranthene: _____ ppm
<input type="checkbox"/> Carbazole: _____ ppm	<input type="checkbox"/> p-Cresol: _____ ppm	<input type="checkbox"/> 2,4,6-Trichlorophenol: _____ ppm
<input type="checkbox"/> n-Decane: _____ ppm	<input type="checkbox"/> 2,3-Dichloroaniline: _____ ppm	<input type="checkbox"/> N-Octadecane: _____ ppm

Metals: Metal results below are: Total TCLP **BRL:** Handwrite Initial here if all results below are represented as Below Regulatory Levels

<input type="checkbox"/> Antimony: _____ ppm	<input type="checkbox"/> Cobalt: _____ ppm	<input type="checkbox"/> Molybdenum: _____ ppm	<input type="checkbox"/> Tin: _____ ppm
<input type="checkbox"/> Arsenic: _____ ppm [†]	<input type="checkbox"/> Copper: _____ ppm	<input type="checkbox"/> Nickel: _____ ppm	<input type="checkbox"/> Titanium: _____ ppm
<input type="checkbox"/> Barium: _____ ppm [†]	<input type="checkbox"/> Lead: _____ ppm [†]	<input type="checkbox"/> Selenium: _____ ppm [†]	<input type="checkbox"/> Vanadium: _____ ppm
<input type="checkbox"/> Cadmium: _____ ppm [†]	<input type="checkbox"/> Mercury: _____ ppm [†]	<input type="checkbox"/> Silver: _____ ppm [†]	<input type="checkbox"/> Zinc: _____ ppm
<input type="checkbox"/> Chromium: _____ ppm [†]			[†] RCRA Metals

RCRA VOCs: Results below are: Total TCLP **BRL:** Handwrite Initial here if all results below are represented as Below Regulatory Levels

<input type="checkbox"/> Benzene: _____ ppm	<input type="checkbox"/> Chloroform: _____ ppm	<input type="checkbox"/> Methyl Ethyl Ketone: _____ ppm
<input type="checkbox"/> Carbon Tetrachloride: _____ ppm	<input type="checkbox"/> 1,2-Dichloroethane: _____ ppm	<input type="checkbox"/> Tetrachloroethylene: _____ ppm
<input type="checkbox"/> Chlorobenzene: _____ ppm	<input type="checkbox"/> 1,1-Dichloroethylene: _____ ppm	<input type="checkbox"/> Trichloroethene: _____ ppm
		<input type="checkbox"/> Vinyl chloride: _____ ppm

RCRA SVOCs: Results below are: Total TCLP **BRL:** Handwrite Initial here if all results below are represented as Below Regulatory Levels

<input type="checkbox"/> o-Cresol: _____ ppm	<input type="checkbox"/> 2,4-Dinitrotoluene: _____ ppm	<input type="checkbox"/> Nitrobenzene: _____ ppm
<input type="checkbox"/> m-Cresol: _____ ppm	<input type="checkbox"/> Hexachlorobenzene: _____ ppm	<input type="checkbox"/> Pentachlorophenol: _____ ppm
<input type="checkbox"/> p-Cresol: _____ ppm	<input type="checkbox"/> Hexachlorobutadiene: _____ ppm	<input type="checkbox"/> Pyridine: _____ ppm
<input type="checkbox"/> Cresol: _____ ppm	<input type="checkbox"/> Hexachloroethane: _____ ppm	<input type="checkbox"/> 2,4,5-Trichlorophenol: _____ ppm
<input type="checkbox"/> 1,4-Dichlorobenzene: _____ ppm		<input type="checkbox"/> 2,4,6-Trichlorophenol: _____ ppm

RCRA Herb/Pest Organics: Results below are: Total TCLP **BRL:** Handwrite Initial here if all results below are represented as Below Regulatory Levels

<input type="checkbox"/> Chlordane: _____ ppm	<input type="checkbox"/> Heptachlor: _____ ppm	<input type="checkbox"/> Toxaphene: _____ ppm
<input type="checkbox"/> Endrin: _____ ppm	<input type="checkbox"/> Lindane: _____ ppm	<input type="checkbox"/> 2,4-D: _____ ppm
	<input type="checkbox"/> Methoxychlor: _____ ppm	<input type="checkbox"/> 2,4,5-TP (silvex): _____ ppm

Section 5: Transport Information:

Non-Hazardous, Non-Regulated (add Description _____)

USDOT Shipping Name: ID No: _____, Shipping Name: _____, Hazard Class: _____ PG: _____

Special shipping instructions: NA, List:

Section 6: Treatment Options to be Evaluated (Approvals issued are handling plan focused. Check all determinations desired.)

- CWT Wastewater Treatment Solidification De-containerization/Solidification Used Oil/Filter Recycling PCW Recovery
- Septage Mgt Waste-to-Energy (Third Party) Universal Waste Handling (Third Party) Composting (Third Party)
- Richmond Petroleum Soil Bioremediation (Complete SDCS) Drilling Mud Management
- Drilling Mud Beneficial Use (attach HDD Supplement) Direct Landfill (Third Party) Use as Product/Commodity
- Hazardous Waste Management (Third Party RCRA TSD) TSCA PCB Management (Third Party, TSCA Facility)
- Other: _____

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Section 7: Certification:

I certify under penalty of law that I am a duly authorized agent of the material generator/owner and this document, all attachments and supporting materials were prepared and presented by me or under my direct supervision and that to the best of my knowledge, the information provided is a true, accurate and complete representation of the waste materials to be presented for evaluation and management by Shamrock Environmental Corporation and/or its subsidiaries. Furthermore, I agree that any waste materials managed under any approval issued by Shamrock Environmental pursuant to this request will be transported, delivered, and tendered to be in conformance with the Material Characterization Profile and supporting documents. Where Shamrock Environmental determines a material to be non-conforming, the generator shall be responsible for all costs associated with storage, handling and timely return of the material to generator or for other alternate and lawful management of the non-conforming material conducted on behalf of the generator.

Generator Signature Printed Name

Company Name Title Date

SDS attached
 Analytical attached
 Additional pages attached

Shamrock Facilities (Follow applicable shipping instructions issued with a profile-specific approval):

<p>Shamrock Environmental Corporation - Greensboro, NC Phone: 800-881-1098 Attn: Steve Davis/Chris Quagliato 6106 Corporate Park Drive Browns Summit, NC 27214 USEPA ID: NC0000942144</p>	<p>Aqua Clean Environmental Company, LLC - Florida Phone: 863-644-0665 Attn: Megan Skeen 3210 Whitten Rd Lakeland, FL 33811 USEPA ID: FLR000034033</p>	<p>1008 19th Street Tampa, FL 33605</p>
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<p>Shamrock Environmental – Richmond, VA FKA: Aqua Clean Environmental of Virginia LLC DBA RECO Biotechnology Phone: 804-644-2800 Attn: Shane Kasper 710 Hospital Street Richmond, VA 23219 USEPA ID: VAR000503250</p>	<p>FER – Oklahoma City, OK Phone: 405-677-4992 Attn: Facility Manager 11501 S I-44 Service Rd. Oklahoma City, OK 73173 USEPA ID: OKR000003459</p>
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Aqua-Terra Recycling and Treatment – Oxford, GA
Phone: 678-625-4025
Attn: Facility Manager
710 Moore Street
Oxford, GA 30054
USEPA ID: GAR000010645