

# ATTACHMENT 1

Begin forwarded message:

**From:** Test Lab <[choskins@advtenorm.com](mailto:choskins@advtenorm.com)>  
**Subject:** Re: TENORM in KY  
**Date:** April 15, 2015 at 9:19:20 AM EDT  
**To:** "Pendergrass, Curt (CHFS DPH)" <[Curt.Pendergrass@ky.gov](mailto:Curt.Pendergrass@ky.gov)>

Curt-

Thanks for your time today. We have an original company that started a few years ago as an environmental consulting, engineering, and remediation (BES, L.L.C.) entity. When the oil/gas boom hit the Marcellus shale we became heavily involved on the technical and wastewater side and eventually partnered with Thermo Scientific (hence working with Dr. Leong Ying). Leong then decided to come on board with us along with a couple of his colleagues from Thermo, we then partnered with a company out of the United Kingdom to provide materials for improved, increased accuracy quick turn around Tenorm testing. We separated out this portion of our business into Advanced TENORM Services. Thats the brief, brief overview. Let us know if we can support in any way.

Cory

On Apr 15, 2015, at 8:48 AM, Pendergrass, Curt (CHFS DPH)  
<[Curt.Pendergrass@ky.gov](mailto:Curt.Pendergrass@ky.gov)> wrote:

Hello Cory,

It was a pleasure speaking with you this morning regarding the disposal of TENORM contaminated wastes from the oil and natural gas

industries. Until you called, I was not even aware that your company, Advanced TENORM Services, LLC existed much less was headquartered in Ashland, KY. Looking at the KY Secretary of State's Office it appears you and your significant other have started this company fairly recently, at least here in KY (<https://app.sos.ky.gov/corpscans/60/0904260-06-99999-20141208-AOG-6004652-PU.PDF> ). I will most definitely add you to my TENORM contacts and if and when we and our colleagues in the Energy and Environment Cabinet Division of Solid Wastes and Hazardous Waste ever get around to drafting some TENORM regulations for our cabinets and are reaching out to the public and stakeholders for comment, we will most definitely be contacting you. Attached is a copy of the KY Regulatory Statute dealing with the Central Midwest Interstate Low-Level Radioactive Waste Compact signed between KY and IL.

See <http://www.lrc.ky.gov/statutes/statute.aspx?id=8498> or the CMC website at <http://www.cmcompact.org/> for more information. Our KY Revised Statutes 211.862 Definitions for KRS 211.861 to 211.869. actually defines NORM as follows (<http://www.cmcompact.org/statutes/KRS%20211.862%20Definitions%20for%20KRS%20211.862%20to%20211.869.pdf> ):

(8) "Naturally-occurring radioactive material" (NORM) means naturally occurring materials not regulated under the Atomic Energy Act of 1954, as amended, whose radionuclide concentrations have been increased by or as a result of human practices. Naturally occurring radioactive material does not include the natural radioactivity of rocks or soils, or background radiation, but instead refers to materials whose radioactivity is technologically enhanced by controllable practices (or by past human practices);

Obviously this definition would encompass TENORM produced as a result of oil and gas exploration and production.

Regards,

Curt Pendergrass PhD  
Supervisor, Radioactive Materials Section  
Kentucky Radiation Health Branch  
275 East Main Street  
Mailstop HS1C-A  
Frankfort, KY 40621  
Tel: 502-564-3700 ext. 4183  
Fax: 502-564-1492  
E-mail: [curt.pendergrass@ky.gov](mailto:curt.pendergrass@ky.gov)  
Website: <http://www.chfs.ky.gov/dph/radioactive.htm>  
Pay your fees on line at [https://prd.chfs.ky.gov/rad\\_epay/](https://prd.chfs.ky.gov/rad_epay/)  
Be notified of proposed regulation changes <https://secure.kentucky.gov/Regwatch/>  
Dispose of unwanted sources <http://www.crcpd.org/StateServices/SCATR.aspx>  
<image001.jpg>

From: Nolan, Tiffany (EEC) Tiffany.Nolan@ky.gov  
Subject: RE: Testing for rads  
Date: June 16, 2015 at 10:19 AM  
To: Test Lab choskins@advtenorm.com

In regards to the question about Ra 226 and Ra 228, they are not normal constituents monitored at KY landfills.

If you happen to have a client with this special requirement added to their permit, we will work with you to get your lab certified for the appropriate method(s). Lab certification in this case would be permit-specific for these uncommon analytes.

If you have further questions about KPDES permits, you can submit those to [swpbsupport@ky.gov](mailto:swpbsupport@ky.gov).

Thank you,  
Tiffany Nolan  
Division of Water  
200 Fair Oaks Lane, 4th Floor  
Frankfort, Kentucky 40601  
Tues/Thurs: (502) 564-3410 ext. 4867  
Mon/Wed/Fri: (606) 330-2080

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**From:** Test Lab [mailto:choskins@advtenorm.com]  
**Sent:** Wednesday, June 10, 2015 3:06 PM  
**To:** Nolan, Tiffany (EEC)  
**Subject:** Re: Testing for rads

Does Ky require Ra226/Ra228 leachate testing at landfills? This is a bit of a hot button in other states, that have fracking activity associated with it. That may be a different department, if it is let me know. Thanks for your quick response.

Also, we are moving our lab down the street (need more room). Is there any paperwork needed?

From: Wilfong, Timothy [TWilfong@republicservices.com](mailto:TWilfong@republicservices.com)  
Subject: RE: Setup  
Date: June 10, 2015 at 1:39 PM  
To: BES Technical Solutions [choskins@bes-tc.com](mailto:choskins@bes-tc.com)  
Cc: [jhoskins@advtenorm.com](mailto:jhoskins@advtenorm.com)

Attached is the approved profile for Pressure Tech. As you indicated this appears to be the same profiled waste stream, so follow the same guidelines as on this profile  
Please provide/add the site address for the project. Please sign/date the Special Waste Service Agreement (SWSA) and initial/date the Terms and Conditions page on the bottom left hand corner (Please do not use electronic signatures).

For the signature portion of this Special Waste Application/Profile, these are the options for completion:

The generator can complete, sign, and date.

Your company as the agent can complete the application and have the generator sign/date.

Your company can complete, sign, date, and submit a 3rd party authorization form completed by the generator.

Thank you

We'll handle it from here.TM

Timothy Wilfong, Manufacturing and Environmental Services Executive

Kyle Industrial Park, Huntington, WV 25702  
E [TWilfong@republicservices.com](mailto:TWilfong@republicservices.com)  
P 304-525-1631  
C 304-942-9316  
F 480-758-6785  
[republicservices.com](http://republicservices.com)

-----Original Message-----

From: BES Technical Solutions [<mailto:choskins@bes-tc.com>]  
Sent: Wednesday, June 10, 2015 10:32 AM  
To: Wilfong, Timothy  
Cc: [jhoskins@advtenorm.com](mailto:jhoskins@advtenorm.com)  
Subject: Setup

Tim-

Thanks for taking my call yesterday, I filled out this form that I believe has all the requested information.



Agent Service  
Agreement 6-10-15.pdf



Special-Waste-Profile-  
Form.pdf



**THIRD PARTY SIGNATURE AUTHORIZATION  
for Special Waste Disposal**

Date: \_\_\_\_\_

This Authorization is only valid for 3 years  
from the above date.

To Whom It May Concern:

Please be advised that the following company/individual has been appointed to work as our agent for purposes of managing waste materials that we may generate.

Name of Authorized Agent	Title
Name of Company	Telephone Number

The above broker/individual is authorized to act as our authorized agent for the following purposes:

- Complete and sign Special Waste Profile.
- Complete and sign Special Waste Profile-Recertification.
- Authorize amendments to Special Waste Profile.
- Sign contracts to dispose and/or transport material.
- Sign certifications necessary to comply with landfill requirements.
- Sign manifests to initiate shipment to disposal facilities.

Our authorized agent will notify us prior to any action stated above, and will provide us with copies of any documents bearing our name.

Name of Company	Mailing Address
Generator Contact (Print Name)	Title
Signature	Telephone Number



# ATTACHMENT 2

BLUE RIDGE LANDFILL, INC  
 2700 WINCHESTER RD  
 IRVINE, KY 40336  
 6067235552

008278  
 BES, LCC  
 151 UNIVERSITY DRIVE  
 WEST LIBERTY, KY 41472

INVOICE  
 INBOUND

SITE		CELL	TICKET #	OPERATOR	
39			285481	KMRUTH	
TRUCK		CONTAINER		LICENSE	
CASH01					
REFERENCE				IN	OUT
				1/15/16 9:15 am	1/15/16 9:32 am

CONTRACT: Y4002162		GROSS		55,900.00	LBS	Scale In			
BOL:		TARE		35,280.00	LBS	Scale Out			
		NET		20,620.00	LBS				
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL		
10.31	TN	SW-C-SOIL (EX) - EXT	90	100.00					
1.00		ENVIRONMENTAL FEE		0.00					
1.00		FUEL SURCHARGE		0.00					

HB174

Tax Total

Total

Paid

Change

Check#

Recpt #

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: \_\_\_\_\_



FACILITY COPY

Non-Hazardous Waste Manifest		1. Generator's Pa. DEP ID No.	2. Page 1 of 1		Manifest Document No. Wolf-AM-001			
3. Generator's Name and Mailing Address Eva Jean Root Wolf 5480 St rte 5 Newton Falls, OH 44444								
4. Generator's Phone Leo Gismondi (724) 840-1012								
5. Transporter 1 Company Name Buckeye Water Service Company			6. US EPA ID Number		A. Transporter's Phone (740) 826-7674			
7. Transporter 2 Company Name			8. US EPA ID Number		B. Transporter's Phone			
9. Designated Facility Name and Site Address Blue Ridge Landfill 2700 Winchester Road Irvine, KY 40336			10. US EPA ID Number/ DEP ID No.		C. Facility Phone			
GENERATOR	11. Waste Shipping Name and Description				12. Containers		13. Total	14. Unit
					No. Type		Quantity	Wt/Vol
	A. Filters/Cartridges Box# : 15				1 1 RO		100%	Ton
	B.							
	C.							
D. Additional Descriptions for Material Listed Above					E. Handling Code for Waste Listed Above			
15. Special Handling Instructions and Additional Information								
16. Generator Certification: I certify that the materials described above on this manifest are not subject to Federal Regulations for reporting proper disposal of Hazardous Waste.								
Printed/Typed name Brian Kirkpatrick		Signature 		Month 1	Day 13	Year 2015		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed name Dennis R. Valentine		Signature 		Month 1	Day 13	Year 2016		
18. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed name Lee Tharp		Signature 		Month 1	Day 15	Year 16		
19. Discrepancy Indication Space								
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.								
Printed/Typed name Kim Ruth		Signature 		Month 1	Day 15	Year 16		



3947 US 131 North  
 P.O. Box 1030  
 Kalkaska, MI 49646  
 EPA#: MID020906814

# GENERATOR WASTE PROFILE

Approval #: 16-00011

## 1. GENERATOR INFORMATION

Name: Nuverra USTS / Injection Wells

EPA ID #: NA (solid)

MAILING ADDRESS	SITE ADDRESS	CONTACT INFORMATION
2326 McClellandtown Rd. Masontown, PA 15461	Various Sites Located in OH	Brien Kirkpatrick 740-883-0808 brien.kirkpatrick@nuverra.com

## 2. CUSTOMER BILLING INFORMATION

Name: Appalachian Water Services

Contact: Leo Gismondi

Address: 2326 McClellandtown Rd.

Phone: 724-840-1012

City, State, Zip: Masontown, PA 15461

Email: leo.gismondi@nuverra.com

## 3. WASTESTREAM INFORMATION

Waste Name: Filter Socks and Cartridges

Process Generating Waste: Filter socks and cartridges from E&P Exempt operations. LSA-1 NORM.

Waste Code: NA

Recoverable Petroleum Product

Gasoline  Gasoline & Water

Diesel  Fuel Oil

Date of Last Analysis: 11.30.15

MSDS Available: NA

Volume: ~20 UOM: Y

Frequency: as-needed

Waste does NOT Contain:

- RCRA
- Reactive Cyanide
- PCB
- Reactive Sulfide
- Herbicide/Pesticide

Used Oil  Total Organic Halogens < 1000 mg/kg

Waste subject to State or Federal exemption

Exemption Reference: E&P Exempt per 40 CFR 261.4(b)5

## 4. PHYSICAL CHARACTERISTICS

Solid: 100 % Odor: mild

Sludge: % Color: varies

Liquid: %

## 5. COMPOSITION

1. Spent Filter Socks/Cartridges 100 % 4. %

2. % 5. %

3. % 6. %

## 6. TRANSPORTER INFORMATION

Container Type: CM

DOT Hazardous Material:  Yes  No

UN / NA #: UN2912

DOT Shipping Name: RQ, Waste Radioactive Material, Low Specific Activity (LSA-1) - Non Fissile, 7, (NORM)

Packaging Group:

ERG #: 162

## GENERATOR CERTIFICATION

I certify that all information submitted in this and all attached documents is complete and accurate, that all known or suspected hazards have been disclosed, and that this waste is classified as non-regulated by any requirements listed in Federal 40CFR261.20-24,30-33 and Michigan PA451 Part 111, or any other Local, State or Federal Regulations not stated herein. This approval may apply to all American Waste disposal facilities, including Northern A-1 Services, Wexford County Landfill, SWD Specialties, and Northeastern Exploration & Industrial Disposal.

Printed Name: Leo J. Gismondi

Title: Manager, Field Operations

Signature: *Leo J. Gismondi*

Date: 01-12-2016

Northern A-1 Representative Signature of Approval: *Kyoko Haapala*

Approval Date: 1.12.16

Expiration Date: 11.30.17



**ANALYTICAL RESULTS - RADIOCHEMISTRY**

Project: Goff Bag Filters 11-30-15

Pace Project No.: 30166777

Sample: Goff Bag Filters 11-30-15 Lab ID: 30166777001 Collected: 11/30/15 12:00 Received: 12/03/15 13:35 Matrix: Solid  
 PWS: Site ID: Sample Type:

Results reported on a "dry-weight" basis

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Bismuth-212	EPA 901.1	47.020 ± 14.152 (13.840) C:NA T:NA	pCi/g	12/08/15 09:56	14913-49-6	
Bismuth-214	EPA 901.1	342.360 ± 45.633 (2.701) C:NA T:NA	pCi/g	12/08/15 09:56	14733-03-0	
Lead-210	EPA 901.1	8.309 ± 24.014 (30.100) C:NA T:NA	pCi/g	12/08/15 09:56	14255-04-0	
Lead-212	EPA 901.1	8.381 ± 1.533 (1.528) C:NA T:NA	pCi/g	12/08/15 09:56	15092-94-1	
Lead-214	EPA 901.1	371.120 ± 49.291 (2.569) C:NA T:NA	pCi/g	12/08/15 09:56	15067-28-4	
Potassium-40	EPA 901.1	7.556 ± 12.609 (11.750) C:NA T:NA	pCi/g	12/08/15 09:56	13966-00-2	
Radium-226	EPA 901.1	529.270 ± 76.491 (26.240) C:NA T:NA	pCi/g	12/08/15 09:56	13982-63-3	
Radium-228	EPA 901.1	268.220 ± 35.578 (4.241) C:NA T:NA	pCi/g	12/08/15 09:56	15262-20-1	
Thallium-208	EPA 901.1	2.901 ± 0.340 (0.900) C:NA T:NA	pCi/g	12/08/15 09:56	14913-50-9	
Thorium-234	EPA 901.1	13.279 ± 10.943 (18.680) C:NA T:NA	pCi/g	12/08/15 09:56	15065-10-8	
Uranium-235	EPA 901.1	2.110 ± 5.233 (6.257) C:NA T:NA	pCi/g	12/08/15 09:56	15117-96-1	

**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL - RADIOCHEMISTRY**

Project: Goff Bag Filters 11-30-15  
 Pace Project No.: 30166777

QC Batch: RADC/27132 Analysis Method: EPA 901.1  
 QC Batch Method: EPA 901.1 Analysis Description: 901.1 Gamma Spec  
 Associated Lab Samples: 30166777001

METHOD BLANK: 993370 Matrix: Solid  
 Associated Lab Samples: 30166777001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Bismuth-212	-0.073 ± 0.906 (0.998) C:NA T:NA	pCi/g	12/07/15 13:01	
Bismuth-214	0.057 ± 0.057 (0.188) C:NA T:NA	pCi/g	12/07/15 13:01	
Lead-210	3.240 ± 8.875 (11.340) C:NA T:NA	pCi/g	12/07/15 13:01	
Lead-212	0.075 ± 0.083 (0.065) C:NA T:NA	pCi/g	12/07/15 13:01	
Lead-214	0.186 ± 0.078 (0.075) C:NA T:NA	pCi/g	12/07/15 13:01	
Potassium-40	0.000 ± 0.130 (0.802) C:NA T:NA	pCi/g	12/07/15 13:01	
Radium-226	0.000 ± 0.461 (1.349) C:NA T:NA	pCi/g	12/07/15 13:01	
Radium-228	0.000 ± 0.078 (0.269) C:NA T:NA	pCi/g	12/07/15 13:01	
Thallium-208	0.033 ± 0.022 (0.085) C:NA T:NA	pCi/g	12/07/15 13:01	
Thorium-234	0.253 ± 0.486 (2.258) C:NA T:NA	pCi/g	12/07/15 13:01	
Uranium-235	0.000 ± 0.108 (0.409) C:NA T:NA	pCi/g	12/07/15 13:01	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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# ATTACHMENT 3

**E&R Energy Rad Diminution Determination (from July 2015 to Present)**

ID Number	Total Ra226/Ra228 Concentration (pCi/g)	Mass (g)	Total Activity (pCi)	Total Activity per container (uCi)
279901	17.7	462.0	8177.4	0.008177
57	5.9	551.0	3250.9	0.003251
445	12.2	879.0	10723.8	0.010724
442	8.5	884.0	7514.0	0.007514
19	5.2	792.0	4118.4	0.004118
180	19.7	934.0	18399.8	0.018400
15	6.2	651.0	4036.2	0.004036
10715-2	17.9	929.0	16629.1	0.016629
10715-1	9.2	846.0	7783.2	0.007783
102215-1	6.0	565.0	3390.0	0.003390
102215-2	2.0	807.0	1614.0	0.001614

**Total E&R in uCi**      **0.085637**

# ATTACHMENT 4





ADVANCED TENORM SERVICES

## SAMPLE SUMMARY

Project: E&R 12.04.2015 (Container 57)  
ATS Project Number: Container 57/Spec0093  
Waste Description: OIL AND GAS O&E WASTE (OH Marcellus/Utica)

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
WL001	RA-226 / RA-228	SOLID	12.03.15	12.04.15

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ADVANCED TENORM SERVICES

## SAMPLE ANALYTE COUNT

Project: E&R 12.04.2015 (Container 57)  
ATS Project Number: Container 57/Spec0093

<u>Lab ID</u>	<u>Sample ID</u>	<u>Method</u>	<u>Analyst</u>	<u>Analytes Reported</u>
WL001	RA-226 / RA-228	EPA 901.1	LY	2

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ADVANCED TENORM SERVICES

## ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: E&R 12.04.2015 (Container 57)  
ATS Project Number: Container 57/Spec0093

<u>Lab ID Reported</u>	<u>Sample ID</u>	<u>Collected</u>	<u>Received</u>	<u>Matrix</u>
WL001	RA-226 / RA-228	12.03.15 01:30pm	12.04.15	7:00 am Solid

### RESULTS REPORTED ON A "DRY WEIGHT" BASIS

<u>Parameters</u>	<u>Method</u>	<u>Act+/-Unc. (MDA)</u>	<u>Units</u>	<u>Analyzed</u>	<u>CAS No.</u>	<u>Qual</u>
Radium 226	EPA 901.1	2.8 +/- 2.3	0.12	pCi/g	12-04-2015	13982-63-3
Radium 228	EPA 901.1	3.1 +/- 0.6	0.16	pCi/g	12-04-2015	15262-20-1

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# ATTACHMENT 5

# **Standard Operating Procedure**

## **PROC.002.001**

### **Ra-226 and Ra-228TENORM**

### **ANALYSIS**

**ADVANCED TENORM SERVICES, LLC.**

Effective Date: 01/01/2015

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### 3. Procedures

a. Scope and Applicability – The purpose of this procedure is to characterize TENORM waste from soils to quantify the Ra-226 / Ra-228 to ensure disposal is in compliance with state and local regulations. The reported Ra-226 / Ra-228 concentration for waste received for disposal, satisfies the exempt TENORM concentration criteria listed in paragraph (A) of rule 3701:1-43-07 of the Ohio Administrative Code, making the waste acceptable for disposal at their facility. Exempt TENORM concentrations are <5 peccaries per gram (<5 pCi/gm) excluding background radiation.

b. Summary of Method – The method is performed by Advanced TENORM Services either on site or in our home lab by utilizing the Thermo Fisher Scientific's 2in X 2in NaI RIIDeye G isotope identifier integrated into a 0.5in thick lined with 1mm of pure tin and copper. Representative samples are collected with guidance from ASTM Standard D6044-96R03 and placed uniformly inside a 0.5L marinelli beaker. The sample is then weighed, with measured results input into the RIIDView 2 software. The RIIDeye G is then powered on and self-calibrated. The sample is then placed inside the shield with lid closed and the analysis is started. The count duration for 30 minutes and the result are shown on the RIIDView 2. Acceptable results (<5 pCi/gm) are highlighted in green, and anything above shows the quantitative results in red.

c. Definitions – Not Applicable for this SOP

d. Health & Safety Warning – Proper PPE should be worn when handling Ra-226 / Ra-228 TENORM waste. Neoprene gloves should be worn when collecting samples to prevent contamination. The outside of the marinelli beaker should be cleaned immediately after sample is sealed to prevent downstream contamination. Good personal hygiene should be used to prevent inadvertent digestion or inhalation. Hands should be washed immediately following the removing of gloves. Sample test materials should be disposed of according to EPA and state laws and regulation and containers should be triple rinsed after each use. Refer to attached Ra-226 / Ra-228 SDS for more detailed instruction.

e. Cautions – Care should be taken in maintaining and collecting samples, ensure only triple rinsed visibly clean marinelli beakers are used. Sample beakers should be fully seated inside the shield, with the sample material uniformly sealed inside. Representative samples should be taken from the container where the

material to be tested is located. Steps in the work instruction and SOP should be followed with great detail to ensure accuracy.

f. Interferences – Cross-contamination can interfere with the accuracy of the final product. Clean sample beakers and collection tools should be cleaned and verified after each use. Radioactive sources should not be stored or worked with around measuring devices.

g. Personnel Qualifications / Responsibilities – Personnel performing sample collection and test should have a minimum of one month of on the job training with a “certified sampling and testing” employee. Employee shall also complete 8 hours of radiation safety along with 4 hours of general laboratory quality control, instrumentation, sample collection and preservation.

h. Equipment and Supplies – The equipment list consists of the following: Thermo Fisher Scientific’s 2in X 2in NaI RIIDEye G isotope identifier, a 0.5in thick lined with 1mm of pure tin and copper, a 0.5L marinelli beaker, and digital weighing scales.

i. Step by Step Procedure (LIST ALL PERTINENT STEPS, IN ORDER, AND THE MATERIALS NEEDED TO ACCOMPLISH)

- Instrument or Method Calibration and Standardization – Turn the power on the RIIDEye G isotope identifier. An integrated K40 (1460 keV) NORM source allows the units to auto-calibrate during each startup and compensates for thermal instabilities. This automatically occurs on equipment startup.
- Sample Collection – Sample collection performed in accordance with protocols and guidance presented in USEPA 530-D-02-002 (RCRA Waste Sampling Draft Technical Guidance Planning, Implementation, and Assessment) and ASTM Standard D6044-96-03. A homogenous sample will be collected from the client’s container by acquiring 4 samples across the container. As the samples are pulled they are placed together. Once all samples have been placed in the roll off container, stir to mix until the sample is completely homogenized. Each solid waste sample must be dried for minimum 12 hours at ~105° C; ground up to a fine consistency; and canned in a 0.5 L marine beaker to ensure a reproducible geometry and a radon gas leak-proof container to maximize the in-growth of radon daughters. The beaker should be loaded to the “fill line” shown on the beaker itself. The

sample should then be sealed with the cap and placed inside the lead shield with lid closed for analysis.

- Sample Handling and Preservation – All test samples should be handled and preserved in the sealed 0.5L marinelli beaker. If shipment is required, the beaker should be placed inside a normally shipping container minimizing ability for the container to rupture. Shipping requirements are to meet Department of Transportation rules and regulation, if applicable.
  - Sample Preparation and Analysis – The sample should be weighed on the calibrated scales, then fully seated inside of the lead shield. The dry weight should be recorded. Analysis will start once the start analysis button is pushed on the RIIDeye G meter. The counting should last for 60 minutes by the isotope identifier. The N42 data file will be recorded to the memory card.
  - Data Acquisition, Calculations & Data Reduction Requirements – See Appendix A
  - Computer Hardware & Software – The system uses Quantum software to generate Ra226 and Ra228 concentrations. The raw data is stored electronically for a period of three years.
- j. Data and Records Management – Upon completion of the analysis, the data will automatically be saved by date, time, and sample number on the memory card and transferred to the pc.

#### 4. Quality Control and Quality Assurance Section

Automated self-calibrations are required and performed by the RIIDeye G before each analysis is performed. In addition to this, a known sample or blank is ran at the beginning of shift each day by the tech to help ensure accuracy. Audits are performed and documented on a weekly basis by the laboratory supervisor to ensure ongoing accuracy and compliance by the technician. 10% of the samples will be counted after a 21 day radon daughter in-growth period to verify lab performance. Blank and known

samples will be ran on 10% of materials to verify precision and accuracy. These results will be utilized in control charts to determine acceptance or rejection of laboratory data.

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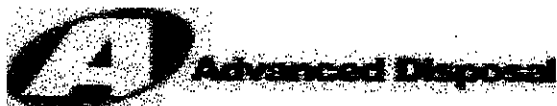
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# ATTACHMENT 6

# Profile Sheet



Profile # \_\_\_\_\_

Designated Facility Blue Ridge Landfill

Sales Rep: Billy P. Bowles

**A. Generator**

Name Nuverra  
 Site Address East Pike  
 City, State Zip Norwich, Oh  
 Contact Cory Hoskins  
 Phone 606-776-9030  
 Fax 606-743-2728

**B. Billing**

Name BES L.L.C.  
 Address 32 Crestview Dr  
 City, State Zip West Liberty, Ky 41472  
 Contact Cory Hoskins  
 Phone 606-776-9030  
 Fax 606-743-2728

**C. Description of Waste**

Name of Waste O & E Exploration and Production Waste Solids and Debris  
 Process of Generating Waste Oil and Gas Production and Exploration Soil and Filter Socks - Exempt

Estimated Volume 5000 Tons Frequency Ongoing

Special Handling Instruction or Other Waste Data Waste Exempt per 40 CFR 261.4(b)(5)

**D. Chemical Composition / Physical Properties**

Constituents	Concentration	Physical State
<u>Non-hazardous E&amp;P soil and debris</u>	<u>100%</u>	<u>Solid</u>
_____	_____	Color <u>Brown</u>
_____	_____	Free Liquids <u>No</u>
_____	_____	Flash Point <u>N/A Solid</u>
_____	_____	pH <u>Neutral</u>
_____	_____	Total Solids <u>100%</u>
_____	_____	Reactive Cyanide <u>No</u>
_____	_____	Reactive Sulfide <u>No</u>

**E. Sample / Analysis Information**

Check all that apply:

Sample submitted with profile   
 Laboratory Analysis submitted   
 Material Safety Data Sheet submitted

Laboratory Name \_\_\_\_\_  
 Sample Date \_\_\_\_\_  
 Sample ID \_\_\_\_\_

**F. Generator Certification**

1. This waste is not a hazardous waste as defined by federal, state or local laws and regulations.
2. This waste does not contain regulated quantities of PCBs as defined by federal, state, or local laws and regulations.
3. This waste does not contain infectious wastes as defined by federal, state, or local laws and regulations.
4. To the best of my knowledge, all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any analysis submitted was performed on a representative sample as defined in 40 CFR 261 - Appendix 1 and was obtained by using this or an equivalent sampling method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
5. Is this waste subject to UST Corrective Action Regulations under 40 CFR 280? Yes  No
6. This waste does not contain Radioactive waste as Defined by State or Federal Regulations.

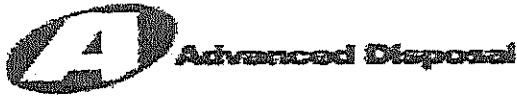
Generator's Signature Cory Hoskins

Print Name Cory Hoskins

Title WAC

Date 9/11/15

# Profile Sheet



Profile # Y4002155

Designated Facility Blue Ridge Landfill

Sales Rep: Billy P. Bowles

<b>A. Generator</b>		<b>B. Billing</b>	
Name	<u>Greenhunter</u>	Name	<u>BES LLC</u>
Site Address	<u>38505 Marietta Rd</u>	Address	<u>32 Crestview Dr</u>
City, State Zip	<u>Dexter City, OH 45727</u>	City, State Zip	<u>West Liberty, Ky 41472</u>
Contact	<u>Cory Hoskins</u>	Contact	<u>Cory Hoskins</u>
Phone	<u>6067769030</u>	Phone	<u>6067769030</u>
Fax	<u>6067432728</u>	Fax	<u>6067432728</u>

**C. Description of Waste**

Name of Waste Exploration and Production Soil and Debris

Process of Generating Waste Waste Exapt per 40 CFR 261.4(b)(5)

Estimated Volume 5000 Frequency Continuous

Special Handling Instruction or Other Waste Data NA

**D. Chemical Composition / Physical Properties**

Constituents	Concentration	Physical State
<u>NonHazardous E&amp;P Soils And Debris</u>	<u>100%</u>	<u>Solid</u>
		Color <u>Brown</u>
		Free Liquids <u>No</u>
		Flash Point <u>NA Solid</u>
		pH <u>Neutral</u>
		Total Solids <u>100%</u>
		Reactive Cyanide <u>NA</u>
		Reactive Sulfide <u>NA</u>

**E. Sample / Analysis Information**

Check all that apply:

Sample submitted with profile	<input type="checkbox"/>	Laboratory Name	_____
Laboratory Analysis submitted	<input type="checkbox"/>	Sample Date	_____
Material Safety Data Sheet submitted	<input type="checkbox"/>	Sample ID	_____

- F. Generator Certification**
- This waste is not a hazardous waste as defined by federal, state or local laws and regulations.
  - This waste does not contain regulated quantities of PCBs as defined by federal, state, or local laws and regulations.
  - This waste does not contain infectious wastes as defined by federal, state, or local laws and regulations.
  - To the best of my knowledge, all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any analysis submitted was performed on a representative sample as defined in 40 CFR 261 - Appendix 1 and was obtained by using this or an equivalent sampling method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
  - is this waste subject to UST Corrective Action Regulations under 40 CFR 280? Yes  No
  - This waste does not contain Radioactive waste as Defined by State or Federal Regulations.

Generator's Signature

Print Name Cory Hoskins

Title BAE

Date 7-29-15

# Profile Sheet



Profile #	Y4002156
-----------	----------

Designated Facility Blue Ridge Landfill Sales Rep: Billy P. Bowles

<b>A. Generator</b> Name <u>Greenhunter</u> Site Address <u>38505 Marietta Rd</u> City, State Zip <u>Dexter City, OH 45727</u> Contact <u>Cory Hoskins</u> Phone <u>6067769030</u> Fax <u>6067432728</u>	<b>B. Billing</b> Name <u>BES LLC</u> Address <u>32 Crestview Dr</u> City, State Zip <u>West Liberty, Ky 41472</u> Contact <u>Cory Hoskins</u> Phone <u>6067769030</u> Fax <u>6067432728</u>
--	--

**C. Description of Waste**  
 Name of Waste Exploration and Production Soil and Debris  
 Process of Generating Waste Waste Exempt per 40 CFR 261.4(b)(5)

Estimated Volume 5000 Frequency Continuous  
 Special Handling Instruction or Other Waste Data NA

**D. Chemical Composition / Physical Properties**

Constituents	Concentration	Physical State
<u>NonHazardous E&amp;P Soils And Debris</u>	<u>100%</u>	<u>Solid</u>
_____	_____	Color <u>Brown</u>
_____	_____	Free Liquids <u>No</u>
_____	_____	Flash Point <u>NA Solid</u>
_____	_____	pH <u>Neutral</u>
_____	_____	Total Solids <u>100%</u>
_____	_____	Reactive Cyanide <u>NA</u>
_____	_____	Reactive Sulfide <u>NA</u>

**E. Sample / Analysis Information**  
 Check all that apply:

Sample submitted with profile	<input type="checkbox"/>	Laboratory Name	_____
Laboratory Analysis submitted	<input type="checkbox"/>	Sample Date	_____
Material Safety Data Sheet submitted	<input type="checkbox"/>	Sample ID	_____

- F. Generator Certification**
1. This waste is not a hazardous waste as defined by federal, state or local laws and regulations.
  2. This waste does not contain regulated quantities of PCBs as defined by federal, state, or local laws and regulations.
  3. This waste does not contain infectious wastes as defined by federal, state, or local laws and regulations.
  4. To the best of my knowledge, all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any analysis submitted was performed on a representative sample as defined in 40 CFR 261 - Appendix 1 and was obtained by using this or an equivalent sampling method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
  5. Is this waste subject to UST Corrective Action Regulations under 40 CFR 280? Yes \_\_\_ No \_\_\_
  6. This waste does not contain Radioactive waste as Defined by State or Federal Regulations.

Generator's Signature		Title	<u>ESD</u>
Print Name	<u>Cory Hoskins</u>	Date	<u>7-28-15</u>

# Profile Sheet



Profile # Y4002157

Designated Facility Blue Ridge Landfill Sales Rep: Billy P. Bowles

<b>A. Generator</b>		<b>B. Billing</b>	
Name	<u>Greenhunter</u>	Name	<u>BES LLC</u>
Site Address	<u>122 Lonesome Pine Road</u>	Address	<u>32 Crestview Dr</u>
City, State Zip	<u>Elfenboro, WV 26346</u>	City, State Zip	<u>West Liberty, Ky 41472</u>
Contact	<u>Cory Hoskins</u>	Contact	<u>Cory Hoskins</u>
Phone	<u>6067769030</u>	Phone	<u>6067769030</u>
Fax	<u>6067432728</u>	Fax	<u>6067432728</u>

**C. Description of Waste**

Name of Waste Exploration and Production Soil and Debris

Process of Generating Waste Waste Except per 40 CFR 261.4(b)(5)

Estimated Volume 5000 Frequency Continuous

Special Handling Instruction or Other Waste Data NA

**D. Chemical Composition / Physical Properties**

Constituents	Concentration	Physical State
<u>NonHazardous E&amp;P Soils And Debris</u>	<u>100%</u>	<u>Solid</u>
		<u>Color Brown</u>
		<u>Free Liquids No</u>
		<u>Flash Point NA Solid</u>
		<u>pH Neutral</u>
		<u>Total Solids 100%</u>
		<u>Reactive Cyanide NA</u>
		<u>Reactive Sulfide NA</u>

**E. Sample / Analysis Information**

Check all that apply:

Sample submitted with profile	<input type="checkbox"/>	Laboratory Name	<u></u>
Laboratory Analysis submitted	<input type="checkbox"/>	Sample Date	<u></u>
Material Safety Data Sheet submitted	<input type="checkbox"/>	Sample ID	<u></u>

**F. Generator Certification**

- This waste is not a hazardous waste as defined by federal, state or local laws and regulations.
- This waste does not contain regulated quantities of PCBs as defined by federal, state, or local laws and regulations.
- This waste does not contain infectious wastes as defined by federal, state, or local laws and regulations.
- To the best of my knowledge, all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any analysis submitted was performed on a representative sample as defined in 40 CFR 261 - Appendix 1 and was obtained by using this or an equivalent sampling method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
- Is this waste subject to UST Corrective Action Regulations under 40 CFR 280? Yes No
- This waste does not contain Radioactive waste as Defined by State or Federal Regulations.

Generator's Signature  Title EHS

Print Name Cory Hoskins Date 7-28-15

# Profile Sheet



Profile # Y4002158

Designated Facility Blue Ridge Landfill

Sales Rep: Billy P. Bowles

**A. Generator**

Name Greenhunter  
 Site Address 53610 TS Rd 706  
 City, State Zip Portland, OH 45770  
 Contact Cory Hoskins  
 Phone 6067769030  
 Fax 6067432728

**B. Billing**

Name BES LLC  
 Address 32 Crestview Dr  
 City, State Zip West Liberty, Kv 41472  
 Contact Cory Hoskins  
 Phone 6067769030  
 Fax 6067432728

**C. Description of Waste**

Name of Waste Exploration and Production Soil and Debris  
 Process of Generating Waste Waste Exempt per 40 CFR 261.4(b)(5)

Estimated Volume 5000 Frequency Continuous  
 Special Handling Instruction or Other Waste Data NA

**D. Chemical Composition / Physical Properties**

Constituents	Concentration	Physical State
<u>NonHazardous E&amp;P Soils And Debris</u>	<u>100%</u>	<u>Solid</u>
		Color <u>Brown</u>
		Free Liquids <u>No</u>
		Flash Point <u>NA Solid</u>
		pH <u>Neutral</u>
		Total Solids <u>100%</u>
		Reactive Cyanide <u>NA</u>
		Reactive Sulfide <u>NA</u>

**E. Sample / Analysis Information**

Check all that apply:

Sample submitted with profile	<input type="checkbox"/>	Laboratory Name	_____
Laboratory Analysis submitted	<input type="checkbox"/>	Sample Date	_____
Material Safety Data Sheet submitted	<input type="checkbox"/>	Sample ID	_____

**F. Generator Certification**

1. This waste is not a hazardous waste as defined by federal, state or local laws and regulations.
2. This waste does not contain regulated quantities of PCBs as defined by federal, state, or local laws and regulations.
3. This waste does not contain infectious wastes as defined by federal, state, or local laws and regulations.
4. To the best of my knowledge, all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any analysis submitted was performed on a representative sample as defined in 40 CFR 261 - Appendix 1 and was obtained by using this or an equivalent sampling method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
5. Is this waste subject to UST Corrective Action Regulations under 40 CFR 280? Yes \_\_\_ No \_\_\_
6. This waste does not contain Radioactive waste as Defined by State or Federal Regulations.

Generator's Signature

Title OPAC

Print Name Cory Hoskins

Date 7-28-15

# Profile Sheet



Profile # Y4002159

Designated Facility Blue Ridge Landfill Sales Rep: Billy P. Bowles

<b>A. Generator</b>		<b>B. Billing</b>	
Name	<u>Greenhunter</u>	Name	<u>BES LLC</u>
Site Address	<u>199 Bowersock Rd</u>	Address	<u>32 Crestview Dr</u>
City, State Zip	<u>Reno, OH 45773</u>	City, State Zip	<u>West Liberty, Ky 41472</u>
Contact	<u>Cory Hoskins</u>	Contact	<u>Cory Hoskins</u>
Phone	<u>6067769030</u>	Phone	<u>6067769030</u>
Fax	<u>6067432728</u>	Fax	<u>6067432728</u>

**C. Description of Waste**  
 Name of Waste Exploration and Production Soil and Debris  
 Process of Generating Waste Waste Exempt per 40 CFR 261.4(b)(5)

Estimated Volume 5000 Frequency Continuous  
 Special Handling Instruction or Other Waste Data NA

**D. Chemical Composition / Physical Properties**

Constituents	Concentration	Physical State
<u>NonHazardous E&amp;P Soils And Debris</u>	<u>100%</u>	<u>Solid</u>
		<u>Color Brown</u>
		<u>Free Liquids No</u>
		<u>Flash Point NA Solid</u>
		<u>pH Neutral</u>
		<u>Total Solids 100%</u>
		<u>Reactive Cyanide NA</u>
		<u>Reactive Sulfide NA</u>

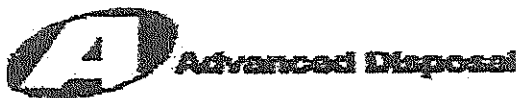
**E. Sample / Analysis Information**  
 Check all that apply:

Sample submitted with profile	<input type="checkbox"/>	Laboratory Name	_____
Laboratory Analysis submitted	<input type="checkbox"/>	Sample Date	_____
Material Safety Data Sheet submitted	<input type="checkbox"/>	Sample ID	_____

- F. Generator Certification**
1. This waste is not a hazardous waste as defined by federal, state or local laws and regulations.
  2. This waste does not contain regulated quantities of PCBs as defined by federal, state, or local laws and regulations.
  3. This waste does not contain infectious wastes as defined by federal, state, or local laws and regulations.
  4. To the best of my knowledge, all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any analysis submitted was performed on a representative sample as defined in 40 CFR 281 - Appendix 1 and was obtained by using this or an equivalent sampling method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
  5. Is this waste subject to UST Corrective Action Regulations under 40 CFR 280? Yes \_\_\_ No \_\_\_
  6. This waste does not contain Radioactive waste as Defined by State or Federal Regulations.

Generator's Signature  Title LOIS  
 Print Name Cory Hoskins Date 7-28-15

# Profile Sheet



Profile # Y4002160

Designated Facility Blue Ridge Landfill

Sales Rep: Billy P. Bowles

<b>A. Generator</b>		<b>B. Billing</b>	
Name	<u>Greenhunter</u>	Name	<u>BES LLC</u>
Site Address	<u>50810 State Rt 7</u>	Address	<u>32 Crestview Dr</u>
City, State Zip	<u>New Matamoras, OH 45757</u>	City, State Zip	<u>West Liberty, Ky 41472</u>
Contact	<u>Cory Hoskins</u>	Contact	<u>Cory Hoskins</u>
Phone	<u>6067769030</u>	Phone	<u>6067769030</u>
Fax	<u>6067432728</u>	Fax	<u>6067432728</u>

**C. Description of Waste**

Name of Waste Exploration and Production Soil and Debris

Process of Generating Waste Waste Exempt per 40 CFR 261.4(b)(5)

Estimated Volume 5000 Frequency Continuous

Special Handling Instruction or Other Waste Data NA

**D. Chemical Composition / Physical Properties**

Constituents	Concentration	Physical State
<u>NonHazardous E&amp;P Soils And Debris</u>	<u>100%</u>	<u>Solid</u>
		<u>Color Brown</u>
		<u>Free Liquids No</u>
		<u>Flash Point NA Solid</u>
		<u>pH Neutral</u>
		<u>Total Solids 100%</u>
		<u>Reactive Cyanide NA</u>
		<u>Reactive Sulfide NA</u>

**E. Sample / Analysis Information**

Check all that apply:

Sample submitted with profile	<input type="checkbox"/>	Laboratory Name	<u></u>
Laboratory Analysis submitted	<input type="checkbox"/>	Sample Date	<u></u>
Material Safety Data Sheet submitted	<input type="checkbox"/>	Sample ID	<u></u>

- F. Generator Certification**
- This waste is not a hazardous waste as defined by federal, state or local laws and regulations.
  - This waste does not contain regulated quantities of PCBs as defined by federal, state, or local laws and regulations.
  - This waste does not contain infectious wastes as defined by federal, state, or local laws and regulations.
  - To the best of my knowledge, all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any analysis submitted was performed on a representative sample as defined in 40 CFR 261 - Appendix 1 and was obtained by using this or an equivalent sampling method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
  - Is this waste subject to UST Corrective Action Regulations under 40 CFR 280? Yes    No
  - This waste does not contain Radioactive waste as Defined by State or Federal Regulations.

Generator's Signature  Title BHS

Print Name Cory Hoskins Date 9-28-16



Requested Disposal Facility: 4127 Green Valley LF KY

Waste Profile #
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Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Sales Rep #:
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**I. Generator Information**

Generator Name: E&R Energy			
Generator Site Address: 8643 East Pike			
City: Norwich	County: Muskinghum	State: Ohio	Zip: 43767
State ID/Reg No: NA	State Approval/Waste Code: NA	(if applicable)	NAICS #: NA
Generator Mailing Address (if different): <input type="checkbox"/> 8643 East Pike			
City: Norwich	County: Muskinghum	State: Ohio	Zip: 43767
Generator Contact Name: Cory Hoskins		Email: choskins@bes-tc.com	
Phone Number: (606) 776-9030	Ext:	Fax Number: (606) 743-2728	

**II. Billing Information**

Bill To: BES, L.L.C.	Contact Name: Cory Hoskins		
Billing Address: 32 Crestview Ln	Email: choskins@bes-tc.com		
City: West Liberty	State: Ky	Zip: 41472	Phone: (606) 776-9030

**III. Waste Stream Information**

Name of Waste: Exploration and Production Soil and Debris	
Process Generating Waste: Drill Cuttings and Filter Socks from drilling mud water treatment Waste is exempt per 40cfr261.4(b)(5)	
Type of Waste:	<input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	5,000 Tons
Frequency:	<input type="checkbox"/> ONE TIME <input checked="" type="checkbox"/> ONGOING
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

**IV. Representative Sample Certification**

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample:	<input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE
Sample Date:	
Sample ID Numbers:	



Waste Profile #

**V. Physical Characteristics of Waste**

Characteristic Components	% by Weight (range)
1. Non-Haz E & P Soil and Debris	100%
2.	
3.	
4.	
5.	

Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
Dark Brown	none	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100	Neutral	NA Solid °F

**Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile**

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

**VI. Certification**

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Cory Hoskins - President

BES, L.L.C.

Authorized Representative Name And Title (Type or Print)

Company Name

06/14/15

Authorized Representative Signature

Date

