## EnviroCheck of Virginia, Inc.

120 Lovelane Street Bluefield, Virginia 24605 276-322-1323

February 17, 2017

Mr. Andrew Lockwood, *Geologist II*West Virginia Department of Environmental Protection 601 57<sup>th</sup> Street, S.E.

Charleston, West Virginia 25304

Re: Land Application Permit Termination
Enervest Operating, LLC
Horizontal Coal Bed Methane Well BCC002B
Land Application Permit #GP-WV-1-07-081-01419
Raleigh County, West Virginia
API # 081-01419
AST ID #041-00000021

Dear Mr. Lockwood:

This letter serves as documentation that the land application system for produced water has been terminated at the above referenced horizontal coal bed methane well. Enervest Operating, LLC and prior operators have operated this land application system since 2007. Due to the lack of production, the land application system was no longer needed. The land application system was removed by EnviroCheck of Virginia, Inc personnel on January 12, 2017. The 100 BBL polyethylene tank was removed along with the distribution boxes and discharge pipes. Photodocumentation is provided as **Attachment No. 1.** The 100 bbl tank (AST ID 041-00000021) was previously registered with the WVDEP and according to the Underground/Aboveground Storage Tank Branch, no formal AST closure is required (unless a release was identified) since the tank is a "registered and labeled" only AST, See **Attachment No. 2.** The 100 bbl tank was cut, cleaned and properly disposed of at Hamm Landfill in Peterstown, West Virginia. A tank disposal manifest is provided as **Attachment No. 3.** 

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After removal of the land application system and tank, the area was reseeded and covered with straw, see Photo documentation, **Attachment No. 1.** 

WV Department of Environmental Protection If you have any questions or desire any additional information, please feel free to contact me at 276-701-3093.

Sincerely,

EnviroCheck of Virginia, Inc.

Jacob L. Rhudy VII, LRS Operations Manager

Janh Schule To

CC: Mr. Chris Veazey – EV Charleston, WV

Mr. Tommy Honaker - EV Ravencliff, WV

Mr. Gary Kennedy - OOG Inspector

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Photo 1: View of 100 bbl tank prior to removal.



EEB 5 1 5011

Photo 2: Typical discharge box.



Photo 3: Discharge lines being uncovered to be removed.



Photo 4: All surface discharge lines removed.

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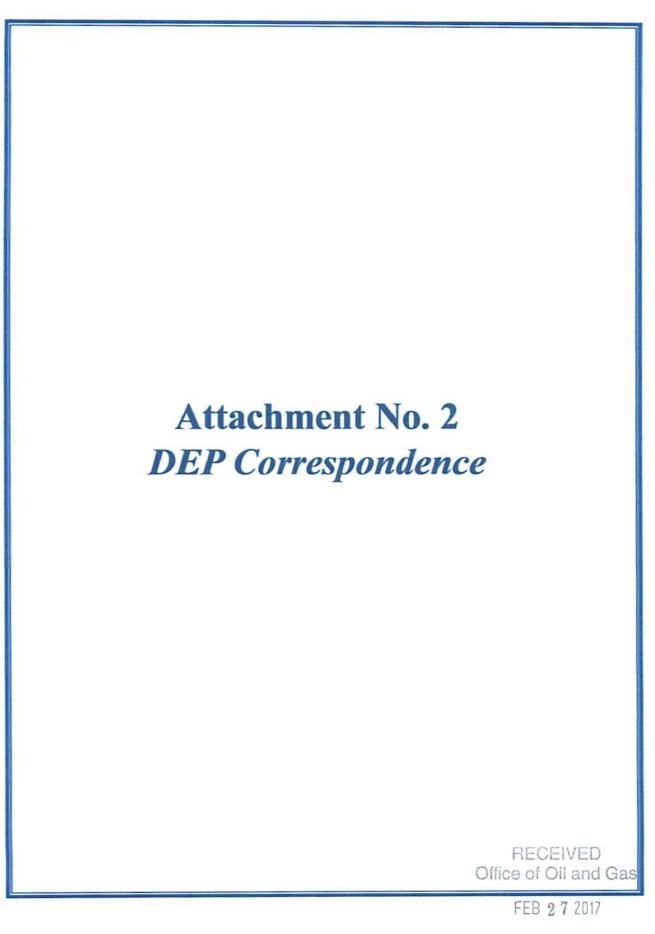


Photo 5: Tank location and dike area reclaimed.

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WV Department of 2024 Environmental Protection



## JI@e2cofvirginia.com

From:

Honaker, Cleve A < Cleve.A.Honaker@wv.gov>

Sent:

Friday, December 2, 2016 9:06 AM

To:

JI@e2cofvirginia.com

Subject:

RE: BCC002B tank registration

According to our database, these tanks are R&L. We do not require a closure authorization on R&L tanks. We only require closure on level 1 and 2 tanks. I would make sure to document the closure in some way such as photos. This will make things easier when the registration of the tank gets modified in the ESS system. Also, make sure to contact OER, Patty Perrine for Raleigh county, to make sure if they are requiring anything on their end.

#### Cleve

From: Jl@e2cofvirginia.com [mailto:jl@e2cofvirginia.com]

Sent: Friday, December 02, 2016 8:55 AM

To: Honaker, Cleve A <Cleve.A.Honaker@wv.gov>

Subject: FW: BCC002B tank registration

From: Romine, David [mailto:dromine@enervest.net]

Sent: Friday, December 2, 2016 8:42 AM

To: Veazey, Chris <cveazey@enervest.net>; Jl@e2cofvirginia.com

Cc: Honaker, Tommy <thonaker@EnerVest.net>

Subject: RE: BCC002B tank registration

There are 4 tanks showing as Registered to that location:

2 Tanks are 100 bbl: DEP# 041-00000021 & 041-00000022 (EV Merrick IDs 1463 & 1464)

2 Tanks are 50 bbl: DEP# 041-00000019 & 041-00000020 (EV Merrick IDs 1641 & 1462)

#### **David Romine**

HSE Specialist EnerVest, Ltd. 300 Capitol Street, Suite 200 Charleston, WV 25301 304-414-8222

From: Veazey, Chris

Sent: Friday, December 02, 2016 8:18 AM

To: Romine, David

Subject: FW: BCC002B tank registration

Dave,

Can you check on this tank please?

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JL is in the process of removing our land application permit at this site because of lack of activity. Lab costs are about \$1000/month so we take the permit off the list when not needed.

Thanks,

Chris Veazey
HSE Manager
W: 304-343-5505
C: 304-590-7707



From: <a href="mailto:jl@e2cofvirginia.com">Jl@e2cofvirginia.com</a> [mailto:jl@e2cofvirginia.com]

Sent: Friday, December 02, 2016 8:15 AM

**To:** Veazey, Chris **Cc:** Honaker, Tommy

Subject: BCC002B tank registration

Hey Chris,
Can you check and see if this tank is registered?—100 bbl poly tank.
Thanks
JL

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# Attachment No. 3 Disposal Manifest

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# TANK DISPOSAL MANIFEST

			•
) Tank Owner/Authorized Re	presentative:		•
TH 1000	TIALS 111		
El. OLENII	1146 66		
Name PO Bry 409	TING LIC		
Street/PO Box			
City PANANCLIPP	State WV	Zip 254	10
2) Tank owner/Authorized Re	presentative: Phone	No: 276-70	1-3093
3) Site Reference: <u>[3</u>	16001B -		
4) Description of Tank:		D	
Tank No.	Capacity	Previous Con	tens
041-0000021	100 66/	CBM	WATER
5) Tank Owner/Authorized I above listed storage tank has b	een removed from the pre	mises of the tank ow	mer.
SLRWDY TA	SAM	1/12/17	
Printed/Typed Name	Signature	Date	
6) Decontamination Manag scrapped.	er: The undersigned cert	ifies that the tank ha	s been cleaned and
Il Rhody In	Well of	1/12/17	
Printed/Typed Name	Signature	Date	
8) Disposal Certification: cut into scrap pieces and acce	The undersigned certifies pred by the metal recyclin	that the above name g facility.	d storage tank has been
Recycling Facility:	SIZE HAM	(AND PILL	CECCIPT_
Majoring I want.j.	, , , , , , , , , , , , , , , , , , ,		RECEIVED
			Office of Oil and Ga
Printed/Typed Name	Signature	Date	FEB <b>27</b> 2017

# HAM SANITARY LANDFILL, INC.

P.O. BOX 576 - 519 ROY MARTIN RD. PETERSTOWN, WV 24963 (304) 753-9470

Area	
CS	
Lift	
Trailer #	

# **WASTE SHIPMENT MANIFEST**

-									
	Work site name and mailing address	Owner's Name	Owner's Phone No.						
	ENDOUST OFDERMAY - BCCCOZB								
	2. Operator's Name and Address	Operator's Phone No.							
	Property and the control of the cont	150 11/							
	ENERVEST OPERATING, LLC BASE	the state of the s	304-294-6767						
	Waste disposal site (WDS) name, mailing address, and phys	WDS Phone No.							
	HAM Sanltary Landfill, Inc. P.O. Box 576 - 519 Roy Martin Road	SWF-2032	(304) 753-9470						
	Peterstown, WV 24963	WV0109240							
N. C	Name and address of responsible agency								
GENERATOR	NA								
K	Description of materials	7. Total quantity (yd3)							
H	els. Her Place De Valor in 1	No. Type							
Ä	Now Haz Plashiz Tank / Sidolo								
0									
	Special handling instructions and additional information	NA2212, Asbestos, 9	DC III						
		, r o m							
	9. OPERATOR'S CERTIFICATION: I hereby declare that the co	ontents of this consignment are fully an	d accurately described						
	above by proper shipping name and are classified, packed, n		ects in proper condition for						
	transport by highway according to applicable international an	d government regulations.							
	Printed/Typed Name and Title	Signature	Month Day Year						
	SCRHOU THE MEETING	90/13	02 02 17						
	10. Transporter 1 (Acknowledgement of Receipt of Materials)	Mr. Ko							
	, and the same of								
	Distance and Tille	Signature	Month Day Year						
	Printed/Typed Name and Title	Signature	Month Day Year						
65	Address and Telephone No.								
E	Address and Telephone No.								
OH									
SPORTER	11. Transporter 2 (Acknowledgement of Receipt of Materials)								
	The Hamporton E (Household Services )								
TRAN		Cinneture	Month Day Year						
-	Printed/Typed Name and Title	Signature	Month Day Year						
	Address and Telephone No.								
	Address and relephone No.								
111	12. Discrepancy Indication Space	RF	CEIVED						
H	TE. Dissispans, indistant specific	Office of Oil and Gas							
S	13. Waste Disposal Site Owner or Operator: Certification of Receipt of Asbestos Materials Covered by this Manifest Except as								
AL	13. Waste Disposal Site Owner or Operator: Certification of Rec Noted in Item 12.	eihi oi vanesios Maieriais Covered Dy	B 2 7 2007 Except as						
S	ROBERT CONTRACTOR CONT	519 Roy Martin Road	Peterstown, WV						
PO	HAM Sanitary Landfill, Inc.	WV D							
DIS	Printed/Typed Name and Title	Signature Environm	Marth 22/2024 N Year						
	Harry David Humphrey, Jr Pres.								

## HAM Sanitary Landfill, LLC

519 Roy Martin Rd.

PO Box 576, Peterstown, WV 24963

Phone: (304)753-9470

* REPRINT *  Ticket Number  Truck No.  Trailer No.	252743 L17		Date Out 02/02/2017 Time In 03:07 PM Time Out 3:26 PM	7
Customer Address Hauler Driver Name	Enviro/check, L.L.C. 375 Mountain Lane, Taze Lusk Disposal Wesley McPherson Bluefield, VA C & D  46640 31460 15180 7.59 Tons	ewell, VA 24651	Unit Price: Amount: Tip Fee: Sub Total: WV Assessment: Local Assessment: Total: Paid By: Check #: License Plate#:	\$0.00 \$1.31 \$0.00 \$1.31 \$0.00 \$0.00 \$1.31
Driver Signature		COMMENTS	Weighmaster Signature	

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WV Department of Environmental Procession

SCHEDULE B: SCOPE OF WORK / BASIS OF COMPENSATION (Rev 10/2011)

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The Agreement for S	Subcontractor Servi	ices ("Subcontract Agreeme	nt") signed on 11.06.	.07 by and between	WA318.EnviroCheck.XOM-						
	ARCADIS U.S.,	Inc. and ENVIROCHECK	OF VIRGINIA, INC	. ("Subcontractor")	20457.85851						
MI ASSESSED FOR A STATE OF THE			"WORK AU"	"WORK AUTHORIZATION No.							
Date Issued:				ARCADIS Project No B0085851.0102							
Subcontractor Name & Address:	mining chieff of			ARCADIS' Client Name / Prime   ExxonMobil/							
Address.	120 Lovelane St Bluefield, VA 24		Contr	ract or Effective Date:	DEC 2010						
		L.ENVIROCHECK.2007									
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Project Name: XOM# 204											
ARCADIS Project Manager:	HILLARY GO		ARCADIS PIC/		TEPHEN BARRICK						
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Mail All Invoices To:	ARCADIS U.S., In			to nav via ETF (El	ectronic Funds Transfer), therefore						
II .	Attention: Account		contact the AP I	lotline to provide: your	ABA routing number, bank account						
	630 Plaza Drive, St		number, name	on the account. In add	lition every invoice should include the						
	Highlands Ranch, (	CO 80129	relevant Arcadis	relevant Areadis project manager's name (first and last name) and the Areadis 12-digit project number (e.g. GA123456.0000) to ensure timely payment.							
			Invoices without	the required information	may be returned unpaid with a request						
			for the missing in	formation, resulting in d	elayed payment.						
	AP Hotline - 30	3.471.3699 or E-Mail billin	ng inquiries to ACA.	Admin@arcadis-us.co	<u>om</u>						
SUBCONTRACTOR shall refere	ence the ARCADIS P	roject, Subcontract and Work	Authorization Number	rs on all invoices. SUB	CONTRACTOR shall also include the						
Total Am		rell as amounts due for the Curr			on all invoices.						
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Work Fluid Fluid A Annual Control of the Control of	ruer mittateu by:	5. TO AUTHORIZE A N		Andrews and the second	And the same of th						
In accordance with the terms ar	nd conditions of the				reinafter referred to as "ARCADIS")						
		ACTOR, SUBCONTRACTOR									
DESCRIPTION OF WORK:		ED IN THE ATTACHED P	ROPOSAL/SCOPE								
ADDITIONAL INFORMATION	ON ATTACHED?		s, identify: SCOPE	or check box(es) b							
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FOR INTRUSIVE WORK (D					ge water and core drillings						
PROJECT SCHEDULE	Б,		18, 2017		ppletion Date: TBD						
YOUR COMPENSATION FO	OR THESE SERVIO										
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attached Rate Schedule		with attached Fixed Fee Sch		Unit Price Fee							
A maximum not to exceed amo											
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A Lump Sum Fee of	(\$) is author	rized to cover these services.	-								
MILESTONE PAYMENT SC		☐ Attached									
We are the beautiful to the beautiful to		HANGE A PREVIOUSLY			allowed the state of the state						
					reinafter referred to as "ARCADIS")						
	CONTRACTOR, th	he previously authorized scope	e of work and basis of	compensation is modifi	ed as follows:						
Description of Change:											
Reason for Change: Additional Information	□ No [	Yes, identify:									
Attached?		res, identity									
Schedule Impact?	□ No [	Yes, explain: and	insert revised start ar	nd/or completion dates	below, as applicable						
	Original Project Sta	art Date:		New Project Start Da	te:						
	Original Project Co			New Project Comple	tion Date:						
Cost Impact?		Subcontract Price	☐ Subcontract	Price Increased	Subcontract Price Decreased						
		subcontract amount presently	anticipated; however,	final subcontract amou	nt						
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Cost Increase / Decrease	The amount of the	subcontract will be [] increas	ed or decreased by	the sum of (\$	).						
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Original Subcontract Expiration		NAARAA INI NIII ALI		et Expiration Date:							
Angly New Dates to:		NCORPORATE NEW SUB			rizations Effectives						
Apply New Rates to: New Work Authorizations Only Effective: New and Existing Work Authorizations Effective:  9. EXECUTION											
The undersigned SUBCONTRACTOR accepts this Work Authorization in all respects noted above. This document shall become a supplement to the Subcontract Agreement											
and all provisions will apply hereto. It is understood that the Work Authorization shall be effective on, 2017.											
	SUBCONTRAC	TOR		A	RCADIS						
By: fact	- / Uto		By:								
	of duly Authorized Re				ative - Per Signature Authority Matrix )						
	L. RHUDY, III, LR			Name Printed: JON FARLEY 11/22/2024							
itle Printed: OPERATIONS MANAGER Title Printed: CERTIFIED PROJECT MANAGER											

## EnviroCheck of Virginia, Inc.

375 Mountain Lane Tazewell, Virginia 24651 276-322-1323

January 30, 2017

Ms. Alex Simpson, *AFS Task Leader 3* **Arcadis US, Inc**801 Corporate Center Drive, Suite 300
Raleigh, NC 27607

Re:

Cost Estimate, Monitoring Well Installation

Former XOM Ansted, WV

Dear Ms. Simpson:

EnviroCheck of Virginia, Inc. (EC) is pleased to present this cost estimate to install one 2"permanent monitoring well located at the above referenced facility. The boring will be hand cleared with an air-knife to eight feet below surface grade. All soil will be field assessed with a photoionization detector at 2 foot intervals by Arcadis. The monitoring well will be completed using 0.010 slot well screen and riser with flush mount surface construction. The well will be installed and registered by a WV Licensed Well Driller. . All drill cuttings will be containerized in DOT 17 E drums and left on-site.

Following is EnviroCheck's estimated cost to provide the above referenced services.

#### **Cost Estimate**

Air-knife/technician - \$750/day x 1 day	\$ 750.00
Drill Rig Mob/demob – 1 @ \$500/each	\$ 500.00
20 foot two- inch well – 20 L.F. @ \$50/L.F	\$ 1,000.00
Probe Unit – 1/2 days @ \$1,200/day	\$ 600.00
Drums – 1 drum @ \$50/each	\$ 150.00
WV well registration, 1 @ \$25/each	\$ 25.00
Flush Mount well pad construction, 1 @ \$100/each	\$ 150.00
Grand Total	\$ 3,175.00

EnviroCheck appreciates the opportunity to provide this cost proposal to Arcadis and we look forward to providing the above services. As always, **Safety First** and EnviroCheck welcomes the opportunity to be of assistance on this very important project. If you have any questions or desire any additional information, please feel free to contact me.

Sincerely,

EnviroCheck of Virginia, Inc.

Jacob L. Rhudy, III, LRS

Operations Manager

WV Well Driller #WV00433



## **CERTIFICATE OF LIABILITY INSURANCE**

8/17/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s)

"	the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).									
PRODUCER					CONTACY Twanna Jackson, CIC					
Trustpoint Insurance					PHONE 40 DC 4004					
2343 Front Street					EMAL tjackson@trustpointins.com					
										NAIC#
Ri	chlands VA 24	641			INSURER A One Beacon					
INSI	IRED							rance Company of		19259
En	viroChack of Virginia Inc							Insurance Co		
37	5 Mountain Lane				INSURER D. Homeland Insurance Co of NY					·
					INSURER E :					
Ta	zewell VA 24	651 <sub>_</sub>			INSURE	RF:				
				NUMBER:CL1681708				REVISION NUMBER:		
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	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A						E.L. EACH ACCIDENT	\$	1,000,000
С	(Mandatory in NH)			AMSC192902		11/1/2016	11/1/2017	E.L. DISEASE - EA EMPLOYEE	\$	1,000,000
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					© 19	88-2014 ACC	ORD CORPORATION. A	III riah	ts reserved.	