

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: BP America Production Company	Contact: Courtney Cochran
Address: 200 Energy Ct. Farmington, NM 87401	Telephone No.: 505-326-9457
Facility Name: Vandewart Com 3E	Facility Type: natural gas well

Surface Owner: Federal	Mineral Owner: Federal	API No.: 3004525966
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LOCATION OF RELEASE

Unit Letter: A	Section: 13	Township: T29N	Range: R08W	Feet from the: 790	North/South Line: North	Feet from the: 940	East/West Line: East	County: San Juan
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Latitude 36.73041 Longitude 107.62202

NATURE OF RELEASE

Type of Release: unknown hydrocarbon	Volume of Release: unknown	Volume Recovered: none
Source of Release: unknown-possible BGT	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: 7/1/2014
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

AUG 07 2014

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

During the closure of a 95 bbl BGT impacted soil was discovered. A preliminary investigation was conducted and a competent bedrock sandstone was noted at 7.5 feet below grade. It was determined that approximately 45 cubic yards of impacted soil will need to be removed. This well is slated for plugging and abandonment in the near future. Initial laboratory analysis is included with this report.

Describe Area Affected and Cleanup Action Taken.*

Due to the upcoming P&A the plan for remediation is to plug the well, strip the production equipment and then excavate the impacted material.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist:	
Printed Name: Courtney Cochran	Approval Date:	Expiration Date:
Title: Environmental Advisor	Conditions of Approval:	
E-mail Address: Courtney.Cochran@bp.com	Attached <input type="checkbox"/>	
Date: 8/5/2014 Phone: 505-326-9457		

* Attach Additional Sheets If Necessary

#10CS 1425139806

14



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 08, 2014

Nelson Velez
Blagg Engineering
P. O. Box 87
Bloomfield, NM 87413
TEL: (505) 320-3489
FAX (505) 632-3903

RE: VANDEWART COM #3E

OrderNo.: 1407154

Dear Nelson Velez:

Hall Environmental Analysis Laboratory received 5 sample(s) on 7/3/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1407154

Date Reported: 7/8/2014

CLIENT: Blagg Engineering

Client Sample ID: 1 @ 7.5' (95)

Project: VANDEWART COM #3E

Collection Date: 7/1/2014 12:00:00 PM

Lab ID: 1407154-001

Matrix: SOIL

Received Date: 7/3/2014 7:06:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	340	9.9		mg/Kg	1	7/3/2014 10:55:14 PM	14056
Surr: DNOP	85.6	57.9-140		%REC	1	7/3/2014 10:55:14 PM	14056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	290	46		mg/Kg	10	7/7/2014 2:48:45 PM	14058
Surr: BFB	271	80-120	S	%REC	10	7/7/2014 2:48:45 PM	14058
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	0.11	0.046		mg/Kg	1	7/7/2014 11:54:21 AM	14058
Toluene	ND	0.046		mg/Kg	1	7/7/2014 11:54:21 AM	14058
Ethylbenzene	2.2	0.046		mg/Kg	1	7/7/2014 11:54:21 AM	14058
Xylenes, Total	7.3	0.92		mg/Kg	10	7/7/2014 2:48:45 PM	14058
Surr: 4-Bromofluorobenzene	112	80-120		%REC	10	7/7/2014 2:48:45 PM	14058
EPA METHOD 300.0: ANIONS							Analyst: SRM
Chloride	ND	30		mg/Kg	20	7/3/2014 11:36:59 AM	14062
EPA METHOD 418.1: TPH							Analyst: BCN
Petroleum Hydrocarbons, TR	670	20		mg/Kg	1	7/7/2014	14057

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: VANDEWART COM #3E
Lab ID: 1407154-002

Matrix: SOIL

Client Sample ID: TH2 @ 8'
Collection Date: 7/1/2014 1:10:00 PM
Received Date: 7/3/2014 7:06:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	11	10		mg/Kg	1	7/4/2014 12:25:45 AM	14056
Surr: DNOP	88.8	57.9-140		%REC	1	7/4/2014 12:25:45 AM	14056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/7/2014 12:53:55 PM	14058
Surr: BFB	115	80-120		%REC	1	7/7/2014 12:53:55 PM	14058
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	7/7/2014 12:53:55 PM	14058
Toluene	ND	0.048		mg/Kg	1	7/7/2014 12:53:55 PM	14058
Ethylbenzene	ND	0.048		mg/Kg	1	7/7/2014 12:53:55 PM	14058
Xylenes, Total	ND	0.097		mg/Kg	1	7/7/2014 12:53:55 PM	14058
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	7/7/2014 12:53:55 PM	14058
EPA METHOD 300.0: ANIONS							Analyst: SRM
Chloride	32	30		mg/Kg	20	7/3/2014 11:49:24 AM	14062

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Analytical Report

Lab Order 1407154

Date Reported: 7/8/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: TH4 @ 8'

Project: VANDEWART COM #3E

Collection Date: 7/1/2014 1:27:00 PM

Lab ID: 1407154-003

Matrix: SOIL

Received Date: 7/3/2014 7:06:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/4/2014 12:56:21 AM	14056
Surr: DNOP	84.5	57.9-140		%REC	1	7/4/2014 12:56:21 AM	14056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/7/2014 1:22:38 PM	14058
Surr: BFB	102	80-120		%REC	1	7/7/2014 1:22:38 PM	14058
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	7/7/2014 1:22:38 PM	14058
Toluene	ND	0.048		mg/Kg	1	7/7/2014 1:22:38 PM	14058
Ethylbenzene	ND	0.048		mg/Kg	1	7/7/2014 1:22:38 PM	14058
Xylenes, Total	ND	0.096		mg/Kg	1	7/7/2014 1:22:38 PM	14058
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	7/7/2014 1:22:38 PM	14058
EPA METHOD 300.0: ANIONS							Analyst: SRM
Chloride	ND	30		mg/Kg	20	7/3/2014 12:01:49 PM	14062

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	Page 3 of 10
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: TH5 @ 7.5'

Project: VANDEWART COM #3E

Collection Date: 7/1/2014 1:38:00 PM

Lab ID: 1407154-004

Matrix: SOIL

Received Date: 7/3/2014 7:06:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	16	10		mg/Kg	1	7/4/2014 1:26:45 AM	14056
Surr: DNOP	83.5	57.9-140		%REC	1	7/4/2014 1:26:45 AM	14056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/7/2014 1:51:22 PM	14058
Surr: BFB	100	80-120		%REC	1	7/7/2014 1:51:22 PM	14058
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	7/7/2014 1:51:22 PM	14058
Toluene	ND	0.048		mg/Kg	1	7/7/2014 1:51:22 PM	14058
Ethylbenzene	ND	0.048		mg/Kg	1	7/7/2014 1:51:22 PM	14058
Xylenes, Total	ND	0.097		mg/Kg	1	7/7/2014 1:51:22 PM	14058
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	7/7/2014 1:51:22 PM	14058
EPA METHOD 300.0: ANIONS							Analyst: SRM
Chloride	93	30		mg/Kg	20	7/3/2014 12:39:03 PM	14062

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical Report

Lab Order 1407154

Date Reported: 7/8/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: TH6 @ 3'

Project: VANDEWART COM #3E

Collection Date: 7/1/2014 1:45:00 PM

Lab ID: 1407154-005

Matrix: SOIL

Received Date: 7/3/2014 7:06:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/4/2014 1:57:11 AM	14056
Surr: DNOP	82.4	57.9-140		%REC	1	7/4/2014 1:57:11 AM	14056
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/7/2014 2:20:06 PM	14058
Surr: BFB	98.6	80-120		%REC	1	7/7/2014 2:20:06 PM	14058
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	7/7/2014 2:20:06 PM	14058
Toluene	ND	0.048		mg/Kg	1	7/7/2014 2:20:06 PM	14058
Ethylbenzene	ND	0.048		mg/Kg	1	7/7/2014 2:20:06 PM	14058
Xylenes, Total	ND	0.096		mg/Kg	1	7/7/2014 2:20:06 PM	14058
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	7/7/2014 2:20:06 PM	14058
EPA METHOD 300.0: ANIONS							Analyst: SRM
Chloride	ND	30		mg/Kg	20	7/3/2014 12:51:28 PM	14062

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	Page 5 of 10
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1407154

08-Jul-14

Client: Blagg Engineering
Project: VANDEWART COM #3E

Sample ID	MB-14062	SampType	MBLK	TestCode	EPA Method 300.0: Anions					
Client ID	PBS	Batch ID	14062	RunNo	19691					
Prep Date	7/3/2014	Analysis Date	7/3/2014	SeqNo	571849	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-14062	SampType	LCS	TestCode	EPA Method 300.0: Anions					
Client ID	LCSS	Batch ID	14062	RunNo	19691					
Prep Date	7/3/2014	Analysis Date	7/3/2014	SeqNo	571850	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.6	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1407154

08-Jul-14

Client: Blagg Engineering
Project: VANDEWART COM #3E

Sample ID	MB-14057	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	14057	RunNo:	19713					
Prep Date:	7/3/2014	Analysis Date:	7/7/2014	SeqNo:	572279	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID	LCS-14057	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	14057	RunNo:	19713					
Prep Date:	7/3/2014	Analysis Date:	7/7/2014	SeqNo:	572280	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	95	20	100.0	0	95.2	80	120			

Sample ID	LCSD-14057	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	14057	RunNo:	19713					
Prep Date:	7/3/2014	Analysis Date:	7/7/2014	SeqNo:	572281	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	95	20	100.0	0	95.2	80	120	0	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1407154

08-Jul-14

Client: Blagg Engineering
Project: VANDEWART COM #3E

Sample ID	MB-14056	SampType	MBLK	TestCode	EPA Method 8015D: Diesel Range Organics					
Client ID	PBS	Batch ID	14056	RunNo	19654					
Prep Date	7/3/2014	Analysis Date	7/3/2014	SeqNo	572070	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.1		10.00		80.6	57.9	140			

Sample ID	LCS-14056	SampType	LCS	TestCode	EPA Method 8015D: Diesel Range Organics					
Client ID	LCSS	Batch ID	14056	RunNo	19654					
Prep Date	7/3/2014	Analysis Date	7/3/2014	SeqNo	572071	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.9	68.6	130			
Surr: DNOP	3.8		5.000		76.2	57.9	140			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1407154

08-Jul-14

Client: Blagg Engineering
Project: VANDEWART COM #3E

Sample ID	MB-14058	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	14058	RunNo:	19711					
Prep Date:	7/3/2014	Analysis Date:	7/7/2014	SeqNo:	572606	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		92.2	80	120			

Sample ID	LCS-14058	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	14058	RunNo:	19711					
Prep Date:	7/3/2014	Analysis Date:	7/7/2014	SeqNo:	572607	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	111	71.7	134			
Surr: BFB	1200		1000		120	80	120			S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1407154

08-Jul-14

Client: Blagg Engineering
Project: VANDEWART COM #3E

Sample ID	MB-14058	SampType	MBLK	TestCode	EPA Method 8021B: Volatiles					
Client ID	PBS	Batch ID	14058	RunNo	19711					
Prep Date	7/3/2014	Analysis Date	7/7/2014	SeqNo	572630	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

Sample ID	LCS-14058	SampType	LCS	TestCode	EPA Method 8021B: Volatiles					
Client ID	LCSS	Batch ID	14058	RunNo	19711					
Prep Date	7/3/2014	Analysis Date	7/7/2014	SeqNo	572631	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	105	80	120			
Toluene	0.99	0.050	1.000	0	99.0	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Sample Log-In Check List

Client Name: **BLAGG**

Work Order Number: 1407154

RcptNo: 1

Received by/date: AT 07/03/14

Logged By: **Anne Thorne** 7/3/2014 7:06:00 AM *Anne Thorne*

Completed By: **Anne Thorne** 7/3/2014 *Anne Thorne*

Reviewed By: *[Signature]* 07/03/14

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

- 4. Was an attempt made to cool the samples? Yes No NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 6. Sample(s) in proper container(s)? Yes No
- 7. Sufficient sample volume for indicated test(s)? Yes No
- 8. Are samples (except VOA and ONG) properly preserved? Yes No
- 9. Was preservative added to bottles? Yes No NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials
- 11. Were any sample containers received broken? Yes No
- 12. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 13. Are matrices correctly identified on Chain of Custody? Yes No
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	1.3	Good	Yes			

Chain-of-Custody Record

Client: **BLAGG ENGR. / BP AMERICA**

Mailing Address: **P.O. BOX 87
BLOOMFIELD, NM 87413**

Phone #: **(505) 632-1199**

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation:
 NELAP Other _____
 EDD (Type) _____

Turnaround Time: **24 HR.**

Standard Rush

Project Name: **VANDEWART COM # 3E**

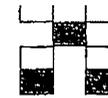
Project #:

Project Manager: **NELSON VELEZ**

Sampler: **NELSON VELEZ** *NV*

On Ice: Yes No

Sample Temperature: *15*



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TPB'S (8021B)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / ARO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 8270SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil - 300.0 / water - 300.1)	Grab sample	5 pt. composite sample
7/1/14	1200	SOIL	1 @ 7.5' (95)	4 oz. - 1	Cool	<i>1707154</i>	<i>W</i>	<i>W</i>	<i>W</i>									<i>W</i>	<i>W</i>	
7/1/14	1310	SOIL	TH2 @ 8'	4 oz. - 1	Cool	<i>1707154</i>	<i>W</i>	<i>W</i>										<i>W</i>	<i>W</i>	
7/1/14	1327	SOIL	TH4 @ 8'	4 oz. - 1	Cool	<i>1707154</i>	<i>W</i>	<i>W</i>										<i>W</i>	<i>W</i>	
7/1/14	1338	SOIL	TH5 @ 7.5'	4 oz. - 1	Cool	<i>1707154</i>	<i>W</i>	<i>W</i>										<i>W</i>	<i>W</i>	
7/1/14	1345	SOIL	TH6 @ 3'	4 oz. - 1	Cool	<i>1707154</i>	<i>W</i>	<i>W</i>										<i>W</i>	<i>W</i>	

Date: **7/2/14** Time: **1500** Relinquished by: *[Signature]*

Date: **07/03/14** Time: **0706** Received by: *[Signature]*

Remarks:

BILL DIRECTLY TO BP:
 Jeff Peace, 200 Energy Court, Farmington, NM 87401

Work Order: N15499324 Paykey: ZEVH01BGT2

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.