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

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

Form C-141
Revised August 8, 2011

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: Fields A 020	Facility Type: Natural Gas Well

Surface Owner: Federal	Mineral Owner: Federal	API No.: 3004527742

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: San Juan
A	25	32N	11W	790	North	790	East	

Latitude 36.96120 **Longitude** 107.93534

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 32.7 bbls.	Volume Recovered: 30 bbls.
Source of Release: AGT – Water	Date and Hour of Occurrence: 4/3/2014	Date and Hour of Discovery: 2 pm – 4/3/2014
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom?: Jonathan Kelly – NMOCD; Shari Ketcham – BLM	
By Whom? : Courtney Cochran – BP	Date and Hour: 4/4/2014 – 10:30 am	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

APR 25 2014

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
High level alarm on above ground produced water tank failed to call out resulting in the tank overflowing into the unlined secondary containment area. 33 barrels were lost and 30 barrels were recovered. Produced water did not leave secondary containment area. Laboratory analysis was conducted and analysis returned results below standards. Laboratory analysis is included with the report.

Describe Area Affected and Cleanup Action Taken.*
No fluid left secondary containment area. Well is shut-in awaiting repairs to alarm system. Field technician will rake stain within secondary containment area.

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.

Signature:	OIL CONSERVATION DIVISION
Printed Name: Courtney Cochran	Approved by Environmental Specialist:
Title: Area Environmental Advisor	Approval Date: 4/25/14 Expiration Date:
E-mail Address: Courtney.Cochran@bp.com	Conditions of Approval: Attached ☐
Date: 4/24/2014 Phone: 505-326-9457	

* Attach Additional Sheets If Necessary

Incident # NCS141155 4051

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

April 23, 2014

Jeff Blagg
Blagg Engineering
P. O. Box 87
Bloomfield, NM 87413
TEL: (505) 320-1183
FAX (505) 632-3903

RE: Fields A 20 OrderNo.: 1404818

Dear Jeff Blagg:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/17/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1404818**
Date Reported: **4/23/2014**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: Fields A 20
Lab ID: 1404818-001 **Matrix:** SOIL

Client Sample ID: Surface Spill 5-pt Comp
Collection Date: 4/16/2014 11:00:00 AM
Received Date: 4/17/2014 10:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	52	10		mg/Kg	1	4/21/2014 4:08:30 PM	12758
Surr: DNOP	105	57.9-140		%REC	1	4/21/2014 4:08:30 PM	12758
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/19/2014 3:03:48 AM	12765
Surr: BFB	88.5	74.5-129		%REC	1	4/19/2014 3:03:48 AM	12765
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.046		mg/Kg	1	4/19/2014 3:03:48 AM	12765
Toluene	ND	0.046		mg/Kg	1	4/19/2014 3:03:48 AM	12765
Ethylbenzene	ND	0.046		mg/Kg	1	4/19/2014 3:03:48 AM	12765
Xylenes, Total	ND	0.093		mg/Kg	1	4/19/2014 3:03:48 AM	12765
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	4/19/2014 3:03:48 AM	12765
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	840	30		mg/Kg	20	4/18/2014 5:07:23 PM	12780

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		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1404818**

23-Apr-14

Client: Blagg Engineering
Project: Fields A 20

Sample ID **MB-12780**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **12780**	RunNo: **18105**
Prep Date: **4/18/2014**	Analysis Date: **4/18/2014**	SeqNo: **522731** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID **LCS-12780**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **12780**	RunNo: **18105**
Prep Date: **4/18/2014**	Analysis Date: **4/18/2014**	SeqNo: **522732** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.8	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#: **1404818**

23-Apr-14

Client: Blagg Engineering
Project: Fields A 20

Sample ID **MB-12758**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **12758**	RunNo: **18068**
Prep Date: **4/17/2014**	Analysis Date: **4/18/2014**	SeqNo: **521273** 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	10		10.00		102	57.9	140			

Sample ID **LCS-12758**	SampType: **LCS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **12758**	RunNo: **18068**
Prep Date: **4/17/2014**	Analysis Date: **4/18/2014**	SeqNo: **521275** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.4	60.8	145			
Surr: DNOP	4.4		5.000		88.6	57.9	140			

Sample ID **MB-12781**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **12781**	RunNo: **18068**
Prep Date: **4/18/2014**	Analysis Date: **4/18/2014**	SeqNo: **521276** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.6		10.00		96.0	57.9	140			

Sample ID **LCS-12781**	SampType: **LCS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **12781**	RunNo: **18068**
Prep Date: **4/18/2014**	Analysis Date: **4/18/2014**	SeqNo: **521898** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		91.5	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#: **1404818**

23-Apr-14

Client: Blagg Engineering

Project: Fields A 20

Sample ID **MB-12765 MK**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **R18084**	RunNo: **18084**
Prep Date:	Analysis Date: **4/18/2014**	SeqNo: **522566** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	860		1000		85.6	74.5	129			

Sample ID **LCS-12765 MK**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R18084**	RunNo: **18084**
Prep Date:	Analysis Date: **4/18/2014**	SeqNo: **522567** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	910		1000		91.5	74.5	129			

Sample ID **MB-12765**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **12765**	RunNo: **18084**
Prep Date: **4/17/2014**	Analysis Date: **4/18/2014**	SeqNo: **522600** 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	860		1000		85.6	74.5	129			

Sample ID **LCS-12765**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **12765**	RunNo: **18084**
Prep Date: **4/17/2014**	Analysis Date: **4/18/2014**	SeqNo: **522601** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.9	71.7	134			
Surr: BFB	910		1000		91.5	74.5	129			

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#: **1404818**

23-Apr-14

Client: Blagg Engineering
Project: Fields A 20

Sample ID **MB-12765**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **12765**	RunNo: **18084**
Prep Date: **4/17/2014**	Analysis Date: **4/18/2014**	SeqNo: **522634** 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-12765**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **12765**	RunNo: **18084**
Prep Date: **4/17/2014**	Analysis Date: **4/18/2014**	SeqNo: **522635** 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	109	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	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

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

Sample Log-In Check List

Client Name: BLAGG | Work Order Number: 1404818 | RcptNo: 1

Received by/date: 04/17/14

Logged By: Ashley Gallegos | 4/17/2014 10:10:00 AM

Completed By: Ashley Gallegos | 4/17/2014 12:03:17 PM

Reviewed By: CS | 04/17/14

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 ✔	# of preserved bottles checked for pH:
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ✔	No	(<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Custody?	Yes ✔	No	Adjusted?
14. Is it clear what analyses were requested?	Yes ✔	No	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ✔	No	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	1.0	Good	Yes			

Client:	Blagg Engineering, Inc.	☒ Standard ☐ Rush	**ANALYSIS LABORATORY**
	BP America	Project Name: Fields A 20	www.hallenvironmental.com
Mailing Address:	P.O. Box 87		4901 Hawkins NE - Albuquerque, NM 87109
	Bloomfield, NM 87413	Project #:	Tel: 505-345-3975 Fax: 505-345-4107
Phone #:	(505)320-1183		Analysis Request
email or Fax#:		Project Manager: Jeff Blagg	
QA/QC Package:			
☒ Standard	☐ Level 4 (Full Validation)		
☐ Other		Sampler: Jeff Blagg	
☐ EDD (Type)		On Ice: ☒ Yes ☐ No	
		Sample Temperature: 1.0	

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1404818	BTEX (8021)		TPH 8015B (GRO / DRO)								Chloride		Air Bubbles (Y or N)
04/16/2014	11:00	Soil	Surface Spill 5-pt Comp	1x 4oz	cool	-001	x		x								x		

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks: Bill Blagg
4/16/2014	1505		Christine Walters	4/16/14	1585	BP Contact: Jeff Peace Please copy results to: peace.jeffrey@bp.com
Date:	Time:	Relinquished by:	Received by:	Date	Time	
4/16/14	17 15	Christine Walters		04/17/14	10:10	

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.