OIL CONS. DIV DIST. 3

NOV 29 2017

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 Co.	Contact: Steve Moskal
Address: 380 Airport Rd. Durango, CO 81303	Telephone No.: 505-330-9179
Facility Name: DAWSON GAS COM No. 001	Facility Type: Water Pipeline Riser

Surface Owner: Federal	Mineral Owner: Federal	API No. 3004527336

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: San Juan
K	31	31N	08W	1210	South	660	West	

Latitude 36.85056° **Longitude** -107.72111°

NATURE OF RELEASE

Type of Release: produced water	Volume of Release: 14 bbl	Volume Recovered: none
Source of Release: Valve on water transfer pipeline - aboveground	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: October 24, 2017; 13:00
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action* Valve on riser found leaking. Valve is located aboveground. Volume of spill estimated based on dimensions and soil conditions.

Describe Area Affected and Cleanup Action Taken.* The pipeline was shut in the valve will be replaced. Standing water was removed. Soil samples were collected and pending results. The attached field report and lab results determine no remedial action is required. Material released was Fruitland-coal water and does not require remedial action. BP requests no further action.

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: Steve Moskal	Approved by Environmental Specialist:	
Title: Field Environmental Coordinator	Approval Date: 12/4/17	Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval:	Attached ☐
Date: November 8, 2017 Phone: 505-326-9497	—	

* Attach Additional Sheets If Necessary

nMF1730338961

11

CLIENT: BP

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

API #: 30-045-27336
TANK ID (if applicible): —

FIELD REPORT:

(circle one): BGT CONFIRMATION / RELEASE INVESTIGATION / OTHER: WATER RELEASE AT VALVE HOUSE

PAGE #: 1 of 1

SITE INFORMATION:

SITE NAME: DAWSON GC 1

QUAD/UNIT: M SEC: 31 TWP: 31N RNG: 8W PM: NM CNTY: SJ ST: NM

1/4 -1/4/FOOTAGE: 1210 FSL x 660 FWL LEASE TYPE: FEDERAL / STATE / FEE / INDIAN

LEASE #: NMNM 013695 PROD. FORMATION: FC CONTRACTOR: —

DATE STARTED: 10/25/2017
DATE FINISHED: 10/25/2017
ENVIRONMENTAL SPECIALIST(S): JCB

REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: 36.85058 x 107.72117 GL ELEV.: 6294

1) VALVE HOUSE GPS COORD.: 36.85030 x 107.72137 DISTANCE/BEARING FROM W.H.: 120' S28W
2) GPS COORD.: DISTANCE/BEARING FROM W.H.:
3) GPS COORD.: DISTANCE/BEARING FROM W.H.:
4) GPS COORD.: DISTANCE/BEARING FROM W.H.:

SAMPLING DATA:

CHAIN OF CUSTODY RECORD(S) # OR LAB USED:

				OVM READING (ppm)
1) SAMPLE ID: SOURCE @ 6"	SAMPLE DATE: 10/25/17	SAMPLE TIME: 1106	LAB ANALYSIS: TPH/BTEX/Cl⁻	0.2
2) SAMPLE ID: Down Gradient @ 6"	SAMPLE DATE: "	SAMPLE TIME: 1110	LAB ANALYSIS: "	0.1
3) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:	
4) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:	

SOIL DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER THIN Gravel on Surface

SOIL COLOR: TAN

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

HC ODOR DETECTED: YES / NO EXPLANATION -

ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION - Spill Area Only

SITE OBSERVATIONS:

LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION - Valve Leak

APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: YES / NO EXPLANATION: Water

EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION - NA

OTHER: WATER Volume Loss < 14 BBL

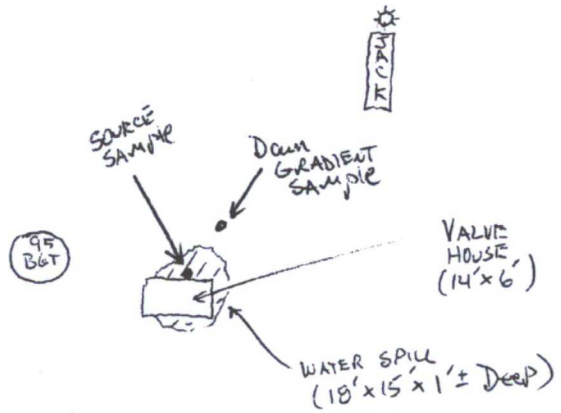
SOIL IMPACT DIMENSION ESTIMATION: 18 ft. X 15 ft. X 1 ft. EXCAVATION ESTIMATION (Cubic Yards): NA

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000 NMOCD TPH CLOSURE STD: 5,000 ppm

SITE SKETCH

BGT Located: off / on site

PLOT PLAN circle: attached



OVM CALIB. READ. = 100.1 ppm RF = 0.52
OVM CALIB. GAS = 100.0 ppm
TIME: 1112 am/pm DATE: 10/25

MISCELL. NOTES

WO:
PO #:
PK:
PJ #:
Permit date(s):
OCD Appr. date(s):

Tank ID	OVM = Organic Vapor Meter ppm = parts per million
	BGT Sidewalls Visible: Y / N
	BGT Sidewalls Visible: Y / N
	BGT Sidewalls Visible: Y / N

Magnetic declination: 10° E

NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA - NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.

NOTES: ONSITE: 10/25/2017

revised: 11/26/13

BEI1005E-6.SKF

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

November 07, 2017

Steve Moskal
Blagg Engineering
P. O. Box 87
Bloomfield, NM 87413
TEL: (505) 632-1199
FAX (505) 632-3903

RE: Dawson GC 1 OrderNo.: 1710E07

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/26/2017 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1710E07**
Date Reported: **11/7/2017**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: Dawson GC 1
Lab ID: 1710E07-001 **Matrix:** SOIL

Client Sample ID: Source @ 6"
Collection Date: 10/25/2017 11:06:00 AM
Received Date: 10/26/2017 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	200	30		mg/Kg	20	11/3/2017 4:35:25 PM	34799
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/30/2017 6:36:27 PM	34690
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/30/2017 6:36:27 PM	34690
Surr: DNOP	88.5	70-130		%Rec	1	10/30/2017 6:36:27 PM	34690
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/28/2017 11:15:36 PM	34671
Surr: BFB	87.2	15-316		%Rec	1	10/28/2017 11:15:36 PM	34671
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	10/28/2017 11:15:36 PM	34671
Toluene	ND	0.050		mg/Kg	1	10/28/2017 11:15:36 PM	34671
Ethylbenzene	ND	0.050		mg/Kg	1	10/28/2017 11:15:36 PM	34671
Xylenes, Total	ND	0.10		mg/Kg	1	10/28/2017 11:15:36 PM	34671
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	10/28/2017 11:15:36 PM	34671

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
D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: Dawson GC 1
Lab ID: 1710E07-002 **Matrix:** SOIL

Client Sample ID: Down Gradient @ 6"
Collection Date: 10/25/2017 11:10:00 AM
Received Date: 10/26/2017 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	30		mg/Kg	20	11/3/2017 4:47:50 PM	34799
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/30/2017 7:04:01 PM	34690
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/30/2017 7:04:01 PM	34690
Surr: DNOP	90.5	70-130		%Rec	1	10/30/2017 7:04:01 PM	34690
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/28/2017 11:39:05 PM	34671
Surr: BFB	84.4	15-316		%Rec	1	10/28/2017 11:39:05 PM	34671
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	10/28/2017 11:39:05 PM	34671
Toluene	ND	0.047		mg/Kg	1	10/28/2017 11:39:05 PM	34671
Ethylbenzene	ND	0.047		mg/Kg	1	10/28/2017 11:39:05 PM	34671
Xylenes, Total	ND	0.094		mg/Kg	1	10/28/2017 11:39:05 PM	34671
Surr: 4-Bromofluorobenzene	98.3	80-120		%Rec	1	10/28/2017 11:39:05 PM	34671

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
D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1710E07**

07-Nov-17

Client: Blagg Engineering
Project: Dawson GC 1

Sample ID	**MB-34799**	SampType:	**mblk**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**PBS**	Batch ID:	**34799**		RunNo:	**46865**				
Prep Date:	**11/3/2017**	Analysis Date:	**11/3/2017**		SeqNo:	**1496133**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	**LCS-34799**	SampType:	**lcs**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**LCSS**	Batch ID:	**34799**		RunNo:	**46865**				
Prep Date:	**11/3/2017**	Analysis Date:	**11/3/2017**		SeqNo:	**1496134**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.7	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1710E07**

07-Nov-17

Client: Blagg Engineering
Project: Dawson GC 1

Sample ID **MB-34690**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **34690**	RunNo: **46729**
Prep Date: **10/28/2017**	Analysis Date: **10/30/2017**	SeqNo: **1489218** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		85.8	70	130			

Sample ID **LCS-34690**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **34690**	RunNo: **46729**
Prep Date: **10/28/2017**	Analysis Date: **10/30/2017**	SeqNo: **1489220** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.3	73.2	114			
Surr: DNOP	4.5		5.000		90.7	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1710E07**

07-Nov-17

Client: Blagg Engineering
Project: Dawson GC 1

Sample ID	**MB-34671**	SampType: **MBLK**			TestCode: **EPA Method 8015D: Gasoline Range**					
Client ID:	**PBS**	Batch ID: **34671**			RunNo: **46715**					
Prep Date:	**10/27/2017**	Analysis Date: **10/28/2017**			SeqNo: **1488464**		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	830		1000		83.2	15	316			

Sample ID	**LCS-34671**	SampType: **LCS**			TestCode: **EPA Method 8015D: Gasoline Range**					
Client ID:	**LCSS**	Batch ID: **34671**			RunNo: **46715**					
Prep Date:	**10/27/2017**	Analysis Date: **10/28/2017**			SeqNo: **1488465**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	100	75.9	131			
Surr: BFB	900		1000		89.7	15	316			

Sample ID	**MB-34656**	SampType: **MBLK**			TestCode: **EPA Method 8015D: Gasoline Range**					
Client ID:	**PBS**	Batch ID: **34656**			RunNo: **46720**					
Prep Date:	**10/26/2017**	Analysis Date: **10/29/2017**			SeqNo: **1488743**		Units: **%Rec**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	830		1000		83.3	15	316			

Sample ID	**LCS-34656**	SampType: **LCS**			TestCode: **EPA Method 8015D: Gasoline Range**					
Client ID:	**LCSS**	Batch ID: **34656**			RunNo: **46720**					
Prep Date:	**10/26/2017**	Analysis Date: **10/29/2017**			SeqNo: **1488744**		Units: **%Rec**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	930		1000		93.4	15	316			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1710E07**

07-Nov-17

Client: Blagg Engineering
Project: Dawson GC 1

Sample ID **MB-34671** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **34671** RunNo: **46715**
Prep Date: **10/27/2017** Analysis Date: **10/28/2017** SeqNo: **1488504** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.5	80	120			

Sample ID **LCS-34671** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **34671** RunNo: **46715**
Prep Date: **10/27/2017** Analysis Date: **10/28/2017** SeqNo: **1488505** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.4	77.3	128			
Toluene	0.98	0.050	1.000	0	97.5	79.2	125			
Ethylbenzene	0.96	0.050	1.000	0	95.7	80.7	127			
Xylenes, Total	3.0	0.10	3.000	0	98.6	81.6	129			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.1	80	120			

Sample ID **MB-34656** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **34656** RunNo: **46720**
Prep Date: **10/26/2017** Analysis Date: **10/29/2017** SeqNo: **1488778** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.95		1.000		95.2	80	120			

Sample ID **LCS-34656** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **34656** RunNo: **46720**
Prep Date: **10/26/2017** Analysis Date: **10/29/2017** SeqNo: **1488779** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		97.1	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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

Sample Log-In Check List

Client Name: BLAGG Work Order Number: 1710E07 RcptNo: 1

Received By: Richie Eriacho 10/26/2017 8:00:00 AM

Completed By: Ashley Gallegos 10/26/2017 1:29:19 PM

Reviewed By: DDS 10/26/17

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? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
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? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# 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	3.4	Good	Yes			

Chain-of-Custody Record

Client: BP AMERICA

BLAGG ENGINEERING INC.

Mailing Address:

Phone #: 505-320-1183

email or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:

☒ Standard ☐ Rush _____

Project Name: DAWSON GC 1

Project #:

Project Manager: STEVE MOSKAL

Sampler: JEFF BLAGG

On Ice: ☒ Yes ☐ No

Sample Temperature: 3.2 + 0.2 = 3.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1710E07	Analysis Request: BTEX + ~~MTBE + TMB's~~ (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	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				Air Bubbles (Y or N)
10/25/17	1106	SOIL	SOURCE @ 6"	4 oz x 1	COOL	-001	X		X									X				
"	1110	"	DOWN GRADIENT @ 6"	"	"	-002	X		X									X				

Date:	Time:	Relinquished by:	Received by:	Date	Time
10/25/17	1510	Jeff Blagg	Chrystal Walter	10/25/17	1510
10/25/17	1952	Chrystal Walter		10/26/17	0800

Remarks: BILL BP
CONTACT: STEVE MOSKAL
SIO: #7685
USE HALL P.O.

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.

Courier