bp

James A. Walker
Deputy Onshore Site Manager - San Juan South

BP America Production Company
200 Energy Court
Farmington, New Mexico 87402

Direct: 505-326-9232
Email: james.walker@bp.com

OIL CONS. DIV DIST. 3

MAY 27 2014

May 23, 2014

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, New Mexico 87410
Attention: Mr. Brandon Powell, Inspection and Enforcement Supervisor

Re: Federal B #1, API # 30-045-09118 UL O, Section 28, Township 30N, Range 11W, San Juan County, New Mexico

Dear Mr. Powell:

As part of BP's ongoing work with the Department, BP is providing a copy of the analytical results of the water sample obtained from our monitoring well following the pump test conducted on April 17 and 18, 2014.

Following this sampling event and analysis, BP collected a subsequent sample to further characterize the quality of the water from the monitoring well. The attached results indicated a TDS of 12,000 ppm. No gas was detected from the monitoring well during these two sampling events.

In addition and as you had requested, BP has confirmed from recent conversations with Conoco Phillips personnel that no additional gas has been detected at the cathodic protection well associated with the Burlington Resources – Morris #103S well.

Based on the information above and the continued absence of gas at the site, BP plans to conduct a final check for gas from our monitoring well in six months. If no gas is detected, we will request permission to abandon the monitoring well and suspend our investigation at this site. In the interim, we will remain in contact with Burlington regarding the condition of their cathodic protection well.

Should you have questions or require additional information, please contact me at (505) 326-9232 or Chris Sandoz at (713) 323–3520 or christopher.sandoz@bp.com.

Sincerely,

James A. Walker
Deputy Onshore Site Manager – San Juan South

Attachment 1 – Analytical Results

cc: Burlington Resources
c/o ConocoPhillips
3401 East 30th Street
Farmington, NM 87402
Attn: Heather McDaniel

(via email)
S. Collins
C. Richard
J. Randall
K. Steinle
J. Peace
C. Sandoz
E. Linson

New Mexico EMNRD, Oil Conservation Division
Federal B #1, API # 30-045-09118, San Juan County, New Mexico
May 22, 2014
Attachment 1 – Analytical Results

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 1404A00
Date Reported: 4/29/2014

CLIENT: Blagg Engineering
Project: FEDERAL B #1
Lab ID: 1404A00-001
Matrix: AQUEOUS
Client Sample ID: Water Grab
Collection Date: 4/18/2014 10:05:00 AM
Received Date: 4/23/2014 10:02:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	53	1.0		µg/L	1	4/25/2014 3:32:42 AM	R15204
Toluene	20	1.0		µg/L	1	4/25/2014 3:32:42 AM	R15204
Ethylbenzene	ND	1.0		µg/L	1	4/25/2014 3:32:42 AM	R15204
Xylenes, Total	ND	2.0		µg/L	1	4/25/2014 3:32:42 AM	R15204
Surr: 4-Bromofluorobenzene	98.1	82.9-139		%REC	1	4/25/2014 3:32:42 AM	R15204

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#: 1404A00

29-Apr-14

Client: Blagg Engineering
Project: FEDERAL B #1

Sample ID 5ML RB	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles
Client ID: PBW	Batch ID: R18204	RunNo: 18204
Prep Date:	Analysis Date: 4/24/2014	SeqNo: 525419 Units: µg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	19		20.00		96.8	82.9	132			

Sample ID 100NG BTEX LCS	SampType: LCS	TestCode: EPA Method 8021B: Volatiles
Client ID: LCSW	Batch ID: R18204	RunNo: 18204
Prep Date:	Analysis Date: 4/24/2014	SeqNo: 525420 Units: µg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	80	120			
Toluene	21	1.0	20.00	0	105	80	120			
Ethylbenzene	21	1.0	20.00	0	105	80	120			
Xylenes, Total	64	2.0	60.00	0	106	80	120			
Surr: 4-Bromofluorobenzene	20		20.00		99.0	82.9	132			

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

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: 1404A00 RcptNo: 1

Received by/date: LS 04/23/14

Logged By: Anne Thorne 4/23/2014 10:02:00 AM

Completed By: Anne Thorne 4/24/2014

Reviewed By: 04/24/14

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? (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	3.2	Good	Yes			

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: BLAGG ENGINEERING INC.	Turn-Around Time: ☒ Standard ☐ Rush
BP AMERICA	Project Name: FEDERAL B #1
Mailing Address: P.O. Box 87	
BLOOMFIELD NM 87413	Project #:
Phone #: 505-632-1199	
email or Fax#: –	Project Manager: J. BLAGG
QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)	Sampler: J. BLAGG
Accreditation ☐ NELAP ☐ Other	On Ice: ☒ Yes ☐ No
☐ EDD (Type)	Sample Temperature: 5.2

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1404460	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)
4/18/2014	1005	Water	Water GRAB	3 x VOA	$HgCl_2$	-001	X										

Date:	Time:	Relinquished by:	Received by:	Date	Time
4/22/14	1424	Jeff Blagg	Christin Walden	4/22/14	1424
4/22/14	1725	Christin Walden	Celia Sanchez	04/23/14	10:02

Remarks: Bill BLAGG

BP Contact: JEFF PEACE

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.

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 1405330
Date Reported: 5/19/2014

CLIENT: Blagg Engineering
Project: Federal B #1
Lab ID: 1405330-001

Client Sample ID: Water Grab
Collection Date: 5/7/2014 8:55:00 AM
Matrix: AQUEOUS
Received Date: 5/8/2014 10:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Chloride	97	5.0		mg/L	10	5/8/2014 1:10:16 PM	R18508
Sulfate	7700	100		mg/L	200	5/9/2014 11:14:57 PM	R18523
SM2340B: HARDNESS						Analyst:	**ELS**
Hardness (As CaCO3)	730	6.6		mg/L	1	5/10/2014 3:10:00 PM	R18518
EPA METHOD 6010B: DISSOLVED METALS						Analyst:	**ELS**
Calcium	250	5.0		mg/L	5	5/10/2014 3:46:37 PM	R18518
Iron	ND	0.020		mg/L	1	5/10/2014 3:44:45 PM	R18518
Magnesium	25	1.0		mg/L	1	5/10/2014 3:44:45 PM	R18518
Potassium	9.3	1.0		mg/L	1	5/10/2014 3:44:45 PM	R18518
Sodium	3300	50		mg/L	50	5/15/2014 3:30:43 PM	R18626
SM2510B: SPECIFIC CONDUCTANCE						Analyst:	**JML**
Conductivity	13000	0.025		µmhos/cm	2.5	5/9/2014 12:44:32 PM	R18537
SM4500-H+B: PH						Analyst:	**JML**
pH	7.76	1.68	H	pH units	1	5/8/2014 4:15:23 PM	R18503
SM2320B: ALKALINITY						Analyst:	**JML**
Bicarbonate (As CaCO3)	190	20		mg/L CaCO3	1	5/8/2014 4:15:23 PM	R18503
Carbonate (As CaCO3)	ND	2.0		mg/L CaCO3	1	5/8/2014 4:15:23 PM	R18503
Total Alkalinity (as CaCO3)	190	20		mg/L CaCO3	1	5/8/2014 4:15:23 PM	R18503
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	12000	200	*	mg/L	1	5/14/2014 6:43:00 PM	13145

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

Qualifiers:

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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#: 1405330

19-May-14

Client: Blagg Engineering
Project: Federal B #1

Sample ID MB	SampType: MBLK	TestCode: EPA Method 300.0: Anions							
Client ID: PBW	Batch ID: R18508	RunNo: 18508							
Prep Date:	Analysis Date: 5/8/2014	SeqNo: 534168	Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID LCS	SampType: LCS	TestCode: EPA Method 300.0: Anions							
Client ID: LCSW	Batch ID: R18508	RunNo: 18508							
Prep Date:	Analysis Date: 5/8/2014	SeqNo: 534169	Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.3	90	110			

Sample ID 1405330-001AMS	SampType: MS	TestCode: EPA Method 300.0: Anions							
Client ID: Water Grab	Batch ID: R18508	RunNo: 18508							
Prep Date:	Analysis Date: 5/8/2014	SeqNo: 534171	Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	150	5.0	50.00	98.71	102	90.1	116			

Sample ID 1405330-001AMSD	SampType: MSD	TestCode: EPA Method 300.0: Anions							
Client ID: Water Grab	Batch ID: R18508	RunNo: 18508							
Prep Date:	Analysis Date: 5/8/2014	SeqNo: 534172	Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	150	5.0	50.00	98.71	102	90.1	116	0	20	

Sample ID MB	SampType: MBLK	TestCode: EPA Method 300.0: Anions							
Client ID: PBW	Batch ID: R18523	RunNo: 18523							
Prep Date:	Analysis Date: 5/9/2014	SeqNo: 534833	Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	ND	0.50								

Sample ID LCS	SampType: LCS	TestCode: EPA Method 300.0: Anions							
Client ID: LCSW	Batch ID: R18523	RunNo: 18523							
Prep Date:	Analysis Date: 5/9/2014	SeqNo: 534834	Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.3	0.50	10.00	0	93.3	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#: 1405330

19-May-14

Client: Blagg Engineering
Project: Federal B #1

Sample ID MB	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals
Client ID: PBW	Batch ID: R18518	RunNo: 18518
Prep Date:	Analysis Date: 5/10/2014	SeqNo: 534452 Units: mg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.0								
Iron	ND	0.020								
Magnesium	ND	1.0								
Potassium	ND	1.0								

Sample ID LCS	SampType: LCS	TestCode: EPA Method 6010B: Dissolved Metals
Client ID: LCSW	Batch ID: R18518	RunNo: 18518
Prep Date:	Analysis Date: 5/10/2014	SeqNo: 534453 Units: mg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	52	1.0	50.00	0	103	80	120			
Iron	0.53	0.020	0.5000	0	105	80	120			
Magnesium	52	1.0	50.00	0	104	80	120			
Potassium	50	1.0	50.00	0	101	80	120			

Sample ID MB	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals
Client ID: PBW	Batch ID: R18626	RunNo: 18626
Prep Date:	Analysis Date: 5/15/2014	SeqNo: 538320 Units: mg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	ND	1.0								

Sample ID LCS	SampType: LCS	TestCode: EPA Method 6010B: Dissolved Metals
Client ID: LCSW	Batch ID: R18626	RunNo: 18626
Prep Date:	Analysis Date: 5/15/2014	SeqNo: 538321 Units: mg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	50	1.0	50.00	0	101	80	120			

Qualifiers:

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- 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#: 1405330

19-May-14

Client: Blagg Engineering
Project: Federal B #1

Sample ID mb-1	SampType: mblk	TestCode: SM2320B: Alkalinity							
Client ID: PBW	Batch ID: R18503	RunNo: 18503							
Prep Date:	Analysis Date: 5/8/2014	SeqNo: 534027	Units: mg/L CaCO3						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	ND	20								

Sample ID lcs-1	SampType: lcs	TestCode: SM2320B: Alkalinity							
Client ID: LCSW	Batch ID: R18503	RunNo: 18503							
Prep Date:	Analysis Date: 5/8/2014	SeqNo: 534028	Units: mg/L CaCO3						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80	20	80.00	0	99.4	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#: 1405330

19-May-14

Client: Blagg Engineering
Project: Federal B #1

Sample ID MB-13145	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 13145	RunNo: 18602								
Prep Date: 5/13/2014	Analysis Date: 5/14/2014	SeqNo: 537384	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID LCS-13145	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 13145	RunNo: 18602								
Prep Date: 5/13/2014	Analysis Date: 5/14/2014	SeqNo: 537385	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	103	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

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: 1405330 | RcptNo: 1

Received by/date: 05/08/14

Logged By: Lindsay Mangin 5/8/2014 10:05:00 AM

Completed By: Lindsay Mangin 5/8/2014 10:35:02 AM

Reviewed By: IO 05/08/2014

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 ☐	# of preserved bottles checked for pH: 2 (<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted? 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 ☐	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	2.8	Good	Yes			

Chain-of-Custody Record

Client: Blagg Engineering Inc
BP America
Mailing Address: P.O. Box 87
Bloomfield NM 87413
Phone #:
email or Fax#:
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Federal B #1
Project #:
Project Manager: J. Blagg
Sampler: J. Blagg
On Ice: ☒ Yes ☐ No
Sample Temperature: 2

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. 1404	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)	API WATER				Air Bubbles (Y or N)
5/7/14	0855	Water	WATER GRAB	1 x 500	Cool	-001												X				
				1 x 250	H_2SO_4	1												X				
				1 x 250	HNO3													X				

Date:	Time:	Relinquished by:	Received by:	Date	Time
5/7/14	1316		Christine Walsh	5/7/14	1316
5/7/14	1749	Christine Walsh		05/08/14	1005

Remarks: Bill Blagg
BP Contact: Jeff Peace

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.