

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

NMOCD

MAY 22 2018

Form C-141  
Revised April 3, 2017

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	Erin Garifalos
Address	200 Energy Court, Farmington, NM 87401	Telephone No.	(832) 609-7048
Facility Name	BOLACK E 001	Facility Type	Natural Gas Well
Surface Owner	Federal	Mineral Owner	Federal
		API No.	3004524103

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	33	28N	08W	1,640	South	1,080	West	San Juan
Latitude				36.61554	Longitude		-107.69141	NAD83

#### NATURE OF RELEASE

Type of Release: none	Volume of Release: unknown	Volume Recovered: N/A
Source of Release: below grade tank - 95 bbl	Date and Hour of Occurrence: n/a	Date and Hour of Discovery: n/a
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Sampling of the soil beneath the BGT was done during removal. Soil analysis resulted for Chlorides, BTEX, and TPH below BGT closure standards except TPH. A recorded total TPH (605 mg/Kg) exceeding the BGT closure permit standard of 100 mg/Kg, but was below the interpreted Spill & Release Guidelines of 1,000 mg/Kg [ranking criteria score of ten (10)]. This standard was agreed by NMOCD's District III Aztec office on 03/22/2018 (email correspondence attached). Field reports and laboratory results are attached.		
Describe Area Affected and Cleanup Action Taken.* Final laboratory analysis attached, no further action necessary.		

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: <i>erin garifalos</i>		OIL CONSERVATION DIVISION	
Printed Name: Erin Garifalos		Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Environmental Coordinator		Approval Date: 5/23/18	Expiration Date:
E-mail Address: erin.garifalos@bp.com		Conditions of Approval: —	Attached <input type="checkbox"/>
Date: May 17, 2018 Phone: (832) 609-7048			

\* Attach Additional Sheets If Necessary

#NW 1805933768

12

Subject: RE: Bolack E 001 - BGT Closure Info. (95A & 45B)

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From: Vanessa.Fields@state.nm.us

To: Erin.Garifalos@bp.com; Cory.Smith@state.nm.us

Cc: Steven.Moskal@bp.com; blagg\_njv@yahoo.com; jeffcblagg@aol.com

Date: Thursday, March 22, 2018, 1:32:46 PM MDT

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Good afternoon Erin,

The OCD agrees with the 1000 closure standard.

Thank you,

Vanessa Fields

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 119

Cell: (505) 419-0463

[vanessa.fields@state.nm.us](mailto:vanessa.fields@state.nm.us)

**From:** Garifalos, Erin [mailto:Erin.Garifalos@bp.com]  
**Sent:** Thursday, March 22, 2018 8:34 AM  
**To:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>  
**Cc:** Moskal, Steven <Steven.Moskal@bp.com>; blagg\_njv@yahoo.com; Blagg, Jefferey <jeffcblagg@aol.com>  
**Subject:** FW: Bolack E 001 - BGT Closure Info. (95A & 45B)

Cory/Vanessa

Attached is a field report for the Bolack E 001. Tank A came back with a TPH of 605 mg/Kg & Tank B was 3,200 mg/Kg. Per the site ranking the closure standard is 1,000 mg/Kg TPH, wanted to make sure you agree with our analysis. If so, we will move forward with the closure of Tank A and work delineation/remediation of Tank B.

Thanks

Erin

*Erin Garifalos*

*This email and any attachments are intended only for the addressee(s) listed above and may contain confidential, proprietary, and/or privileged information. If you are not an intended recipient, please immediately advise the sender by return email, delete this email and any attachments, and destroy any copies of same. Any unauthorized review, use, copying, disclosure or distribution of this email and any attachments is prohibited.*

CLIENT: <b>BP</b>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	API #: <b>3004524103</b> TANK ID (if applicable): <b>A</b>
<b>FIELD REPORT:</b> (circle one): <u>BGT CONFIRMATION</u> / RELEASE INVESTIGATION / OTHER:		PAGE #: <b>1</b> of <b>1</b>
<b>SITE INFORMATION:</b> SITE NAME: <b>BOLACK E # 1</b> QUAD/UNIT: <b>L</b> SEC: <b>33</b> TWP: <b>28N</b> RNG: <b>8W</b> PM: <b>NM</b> CNTY: <b>SJ</b> ST: <b>NM</b> 1/4 -1/4/FOOTAGE: <b>1,640'S / 1,080'W NW/SW</b> LEASE TYPE: <u>FEDERAL</u> / STATE / FEE / INDIAN LEASE #: <b>NM012202</b> PROD. FORMATION: <b>DK</b> CONTRACTOR: <b>BP - J. GONZALES</b>		DATE STARTED: <b>03/20/18</b> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST(S): <b>NJV</b>
<b>REFERENCE POINT:</b> WELL HEAD (W.H.) GPS COORD.: <b>36.61565 X 107.69164</b> GL ELEV.: <b>6,042'</b> 1) <b>95 BGT (SW/DB) - A</b> GPS COORD.: <b>36.61554 X 107.69141</b> DISTANCE/BEARING FROM W.H.: <b>95.5', S55E</b> 2) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____ 3) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____ 4) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____		
<b>SAMPLING DATA:</b> CHAIN OF CUSTODY RECORD(S) # OR LAB USED: <b>HALL</b> 1) SAMPLE ID: <b>5PC - TB @ 5' (95) - A</b> SAMPLE DATE: <b>03/20/18</b> SAMPLE TIME: <b>1300</b> LAB ANALYSIS: <b>8015B/8021B/300.0 (CI)</b> OVM READING (ppm): <b>118.3</b> 2) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ 3) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ 4) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____ 5) SAMPLE ID: _____ SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____		
<b>SOIL DESCRIPTION:</b> SOIL TYPE: SAND <u>SILTY SAND</u> SILT / SILTY CLAY / CLAY / GRAVEL <u>OTHER</u> <b>BEDROCK (SANDSTONE)</b> SOIL COLOR: <b>OLIVE GRAY</b> PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE <u>COHESIVE</u> <u>HIGHLY COHESIVE</u> DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD CONSISTENCY (NON COHESIVE SOILS): LOOSE <u>FIRM</u> DENSE <u>VERY DENSE</u> HC ODOR DETECTED: <u>YES</u> NO EXPLANATION - <b>DISCOLORED SOILS &amp; BEDROCK</b> MOISTURE: DRY / SLIGHTLY MOIST <u>MOIST</u> WET <u>SATURATED</u> SUPER SATURATED SAMPLE TYPE: GRAB <u>COMPOSITE</u> # OF PTS. <b>5</b> ANY AREAS DISPLAYING WETNESS: <u>YES</u> / NO EXPLANATION - <b>BENEATH BGT, UNKNOWN ORIGIN</b> DISCOLORATION/STAINING OBSERVED: <u>YES</u> NO EXPLANATION - <b>VARYING GRAYS TO BLACK BENEATH BGT</b>		
<b>SITE OBSERVATIONS:</b> LOST INTEGRITY OF EQUIPMENT: <u>YES</u> NO EXPLANATION - <b>BOTTOM OF BGT.</b> APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: <u>YES</u> NO EXPLANATION: <b>DISCOLORED SOILS / BEDROCK &amp; HYDROCARBON ODOR.</b> EQUIPMENT SET OVER RECLAIMED AREA: <u>YES</u> NO EXPLANATION - <b>SHALLOW LOW PROFILE ABOVE-GRADE TANK TO BE SET ATOP BGT LOCATION.</b> OTHER: <b>NMOC D OR BLM REPS. NOT PRESENT TO WITNESS CONFIRMATION SAMPLING. SAMPLE COLLECTED FROM BEDROCK SURFACE - SOFT TO HARD, SLIGHTLY FRIABLE.</b> EXCAVATION DIMENSION ESTIMATION: <b>NA</b> ft. X <b>NA</b> ft. X <b>NA</b> ft. EXCAVATION ESTIMATION (Cubic Yards): <b>NA</b> DEPTH TO GROUNDWATER: <b>&gt;100'</b> NEAREST WATER SOURCE: <b>&gt;1,000'</b> NEAREST SURFACE WATER: <b>&lt;1,000'</b> NMOC D TPH CLOSURE STD: <b>1,000</b> ppm		
<b>SITE SKETCH</b> BGT Located : off <u>on</u> site PLOT PLAN circle: <u>attached</u> <div style="text-align: center;"> </div>		
<b>NOTES:</b> 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: <b>GOOGLE EARTH IMAGERY DATE: 10/5/2016.</b> ONSITE: <b>03/20/18</b>		<b>MISCELL. NOTES</b> WO: REF #: <b>P-960</b> VID: <b>VHIXONEV11</b> PJ #: Permit date(s): <b>06/14/10</b> OCD Appr. date(s): <b>03/02/18</b> Tank ID: <b>A</b> OVM = Organic Vapor Meter ppm = parts per million BGT Sidewalls Visible: Y / <u>N</u> BGT Sidewalls Visible: Y / N BGT Sidewalls Visible: Y / N Magnetic declination: <b>10° E</b>

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1803B41

Date Reported: 3/22/2018

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB @ 5' (95)-A

Project: BOLACK E 1

Collection Date: 3/20/2018 1:00:00 PM

Lab ID: 1803B41-001

Matrix: SOIL

Received Date: 3/21/2018 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CJS</b>
Chloride	ND	30		mg/Kg	20	3/21/2018 11:51:04 AM	37158
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	360	9.6		mg/Kg	1	3/21/2018 10:21:53 AM	37148
Motor Oil Range Organics (MRO)	160	48		mg/Kg	1	3/21/2018 10:21:53 AM	37148
Surr: DNOP	106	70-130		%Rec	1	3/21/2018 10:21:53 AM	37148
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	85	15		mg/Kg	5	3/21/2018 9:57:00 AM	G49962
Surr: BFB	270	15-316		%Rec	5	3/21/2018 9:57:00 AM	G49962
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.074		mg/Kg	5	3/21/2018 9:57:00 AM	B49962
Toluene	ND	0.15		mg/Kg	5	3/21/2018 9:57:00 AM	B49962
Ethylbenzene	ND	0.15		mg/Kg	5	3/21/2018 9:57:00 AM	B49962
Xylenes, Total	ND	0.30		mg/Kg	5	3/21/2018 9:57:00 AM	B49962
Surr: 4-Bromofluorobenzene	93.3	80-120		%Rec	5	3/21/2018 9:57:00 AM	B49962

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 Quantitative 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

<b>Chain-of-Custody Record</b>		Turn-Around Time:	<b>SAME DAY</b>
Client:	<b>BLAGG ENGR. / BP AMERICA</b>	<input type="checkbox"/> Standard	<input checked="" type="checkbox"/> Rush
Mailing Address:	<b>P.O. BOX 87</b>	Project Name:	<b>BOLACK E # 1</b>
	<b>BLOOMFIELD, NM 87413</b>	Project #:	
Phone #:	<b>(505) 632-1199</b>	Project Manager:	<b>ERIN GARIFALOS</b>
email or Fax#:		Sampler:	<b>NELSON VELEZ</b>
QA/QC Package:	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)	On Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Accreditation:	<input type="checkbox"/> NELAP <input type="checkbox"/> Other	Sample Temperature:	
<input type="checkbox"/> EDD (Type)			

**SAME  
DAY**

## Standard

☒ Rush

Project Name:

**BOLACK E # 1**

Project #:

Project Manager:

**ERIN GARIFALOS**

**Sampler:**

NELSON VELEZ

## On Ice

☒ Yes☐ No

Sample Temperature

④

[illegible]

Date: 3/20/18

Time: 1720

Relinquished by:

Quished by:

Received by:

Received by: *She Walt*

Date	Time
------	------

Date Time  
3/6/18 1720

Remarks:

**BILL DIRECTLY TO BP USING THE CONTACT WITH CORRESPONDING  
& REFERENCE # WHEN APPLICABLE:**

CONTACT: ERIN GARIFALOS / VANCE HIXON  
VID: VHIXONEV11

Reference #

**P - 960**

Date: 3/20/18

Time: 1851

Relinquished by:

Acquired by: Wt Wells

Received by:

Received by: Ann

Date/ Time

Date: 4/3/21/18 Time: 0700

Reference #

**P - 960**

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1803B41

22-Mar-18

Client: Blagg Engineering

Project: BOLACK E 1

Sample ID	MB-37158		SampType:	mbk		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS		Batch ID:	37158		RunNo:	49959				
Prep Date:	3/21/2018		Analysis Date:	3/21/2018		SeqNo:	1618491		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	LCS-37158		SampType:	lcs		TestCode:	EPA Method 300.0: Anions				
Client ID:	LCSS		Batch ID:	37158		RunNo:	49959				
Prep Date:	3/21/2018		Analysis Date:	3/21/2018		SeqNo:	1618492		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	14	1.5	15.00	0	91.7	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 Quantitative 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#: 1803B41

22-Mar-18

Client: Blagg Engineering

Project: BOLACK E 1

Sample ID	LCS-37148		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 37148		RunNo: 49954					
Prep Date:	3/21/2018		Analysis Date: 3/21/2018		SeqNo: 1617422		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.7	70	130			
Surr: DNOP	4.3		5.000		85.4	70	130			

Sample ID	MB-37148	SampType:	MBLK		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	PBS	Batch ID:	37148		RunNo:	49954				
Prep Date:	3/21/2018	Analysis Date:	3/21/2018		SeqNo:	1617423		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	9.8		10.00		98.0	70	130			

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Detection Limit  
W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1803B41

22-Mar-18

Client: Blagg Engineering

Project: BOLACK E 1

Sample ID	RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	G49962	RunNo:	49962					
Prep Date:		Analysis Date:	3/21/2018	SeqNo:	1618119	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	950		1000		95.4	15	316			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	G49962	RunNo:	49962					
Prep Date:		Analysis Date:	3/21/2018	SeqNo:	1618120	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	75.9	131			
Surr: BFB	1100		1000		111	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 Quantitative 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#: 1803B41

22-Mar-18

Client: Blagg Engineering

Project: BOLACK E 1

Sample ID	RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	B49962	RunNo:	49962					
Prep Date:		Analysis Date:	3/21/2018	SeqNo:	1618155	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	0.89		1.000		89.0	80	120			

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	B49962	RunNo:	49962					
Prep Date:		Analysis Date:	3/21/2018	SeqNo:	1618156	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.0	77.3	128			
Toluene	0.95	0.050	1.000	0	95.2	79.2	125			
Ethylbenzene	0.95	0.050	1.000	0	95.2	80.7	127			
Xylenes, Total	2.9	0.10	3.000	0	97.9	81.6	129			
Surr: 4-Bromofluorobenzene	0.93		1.000		92.7	80	120			

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Detection Limit  
W Sample container temperature is out of limit as specified



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: **1803B41**

RcptNo: **1**

Received By: **Anne Thorne**

3/21/2018 7:00:00 AM

*Anne Thorne*

Completed By: **Anne Thorne**

3/21/2018 7:26:30 AM

*Anne Thorne*

Reviewed By: *AK 3/21/18*

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐  
2. How was the sample delivered? Courier

### Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐  
4. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐  
5. Sample(s) in proper container(s)? Yes ☒ No ☐  
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐  
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐  
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐  
9. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒  
10. Were any sample containers received broken? Yes ☐ No ☒  
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐  
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐  
13. Is it clear what analyses were requested? Yes ☒ No ☐  
14. 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)

15. 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: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

