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 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 STATE GC CB 001E	Facility Type: Natural Gas Well

Surface Owner: State	Mineral Owner: State	API No. 3004525297

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	32	30N	09W	1,700	North	950	West	San Juan

Latitude 36.77116 Longitude -107.80972 NAD83

NATURE OF RELEASE

Type of Release:: none	Volume of Release:: unknown	Volume Recovered:: N/A
Source of Release: below grade tank - 21 bbl	Date and Hour of Occurrence: n/a	Date and Hour of Discovery: n/a
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 Taken.* Sampling of the soil beneath the BGT was done during removal. Soil analysis resulted for Chlorides, TPH and BTEX below BGT closure standards. Field reports and laboratory results are attached.

Describe Area Affected and Cleanup Action Taken.* No further action required. Final laboratory analysis attached.

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: erin garifalos

Printed Name: Erin Garifalos

Title: Field Environmental Coordinator

E-mail Address: erin.garifalos@bp.com

Date: March 30, 2018 Phone: (832) 609-7048

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: 4/5/2018 Expiration Date:

Conditions of Approval: — Attached ☐

* Attach Additional Sheets If Necessary

NVF1809550523

13

bp

BP America Production Company
380 Airport Rd
Durango, CO 81303
Phone: (970) 247 6800

January 22, 2018

State Land Office
Brandon Foley
PO Box 3170
Farmington, NM 87402

VIA EMAIL

Re: Notification of plans to close/remove a below grade tank
Well Name: STATE GAS COM GB 001E
API #: 3004525297

Dear Mr. Foley,

As part of the NM "Pit Rule": 19.15.17.13 Closure Requirements, Paragraph J. BP America Production Company (BP) is required to notify the surface owner of BP's plans to close/remove a below grade tank. BP wishes to inform you of our plans to close/remove the below grade tank on its well pad located on your surface. BP plans to commence this work on or about January 25, 2018. If there aren't any unforeseen problems, the work should be completed within 10 working days.

As a point of clarification, BP will be closing the below grade tank and either operating without one or replacing it with an above ground tank, the well site will continue to operate.

If witnessing of the tank removal is required please contact me for a specific time (832)-609-7048.

Sincerely,

Erin Garifalos

BP America Production Company

From:	Buckley, Farrah (CH2M HILL)
To:	Smith, Cory, EMNRD; Fields, Vanessa, EMNRD (Vanessa.Fields@state.nm.us)
Cc:	jeffcblagg@aol.com; blagg_njv@yahoo.com; Garifalos, Erin
Subject:	BP Pit Close Notification - STATE GAS COM CB 001E
Date:	Monday, January 22, 2018 4:19:55 PM

BP America Production Company
380 Airport Rd
Durango, CO 81303
Phone: (970) 247 6800

SENT VIA E-MAIL TO: CORY.SMITH@STATE.NM.US;
VANESSA.FIELDS@STATE.NM.US

January 22, 2018

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

RE: Notice of Proposed Below-Grade Tank (BGT) Closure

STATE GAS COM CB 001E
API 30-045-25297
(E) Section 32 – T30N – R09W
San Juan County, New Mexico

Dear Mr. Cory Smith and Mrs. Vanessa Fields,

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to a 21bbl and a 45bbl BGT that will no longer be operational at this well site. We anticipate this work to start on or around January 25, 2018.

Should you have any questions, please feel free to contact BP at our Durango office.

Sincerely,

Erin Garifalos

Field Environmental Coordinator – San Juan

Cell: 832-609-7048

Farrah Buckley
BGT Project Support
970-946-9199 -cell

CLIENT: BP

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

API #: 3004525297

TANK ID (if applicble): B

FIELD REPORT:

(circle one): [BGT CONFIRMATION] / RELEASE INVESTIGATION / OTHER:

PAGE #: 1 of 1

SITE INFORMATION:

SITE NAME: STATE GC CB #1E

QUAD/UNIT: E SEC: 32 TWP: 30N RNG: 9W PM: NM CNTY: SJ ST: NM

1/4 -1/4/FOOTAGE: 1,700'N / 950'W SW/NW LEASE TYPE: FEDERAL / [STATE] / FEE / INDIAN

LEASE #: - PROD. FORMATION: DK CONTRACTOR: STRIKE BP - J. GONZALES

DATE STARTED: 01/26/18

DATE FINISHED:

ENVIRONMENTAL SPECIALIST(S): NJV

REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: 36.77098 X 107.80934 GL ELEV.: 5,814'

1) 21 BGT (SW/DB) - B GPS COORD.: 36.77116 X 107.80972 DISTANCE/BEARING FROM W.H.: 125.5', N62.5W

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: HALL

	SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:	OVM READING (ppm)
1)	5PC - TB @ 6' (21) - B	01/26/18	1230	8015B/8021B/300.0 (Cl)	NA
2)					
3)					
4)					
5)					

SOIL DESCRIPTION:

SOIL TYPE: [SAND] [SILTY SAND] SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: DARK YELLOWISH ORANGE

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. 5

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 -

SITE OBSERVATIONS:

LOST INTEGRITY OF EQUIPMENT: YES / [NO] EXPLANATION -

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

EQUIPMENT SET OVER RECLAIMED AREA: YES / [NO] EXPLANATION -

OTHER: NMOCD REP. NOT PRESENT TO WITNESS CONFIRMATION SAMPLING.

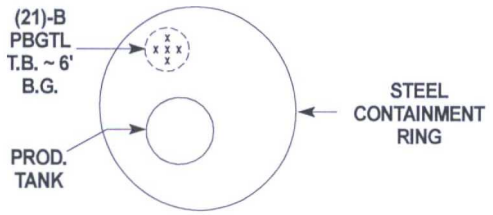
EXCAVATION DIMENSION ESTIMATION: NA ft. X NA ft. X NA ft. EXCAVATION ESTIMATION (Cubic Yards) : NA

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE WATER: <1,000' NMOCD TPH CLOSURE STD: 1,000 ppm

SITE SKETCH

BGT Located : off / [on] site

PLOT PLAN circle: attached



OVM CALIB. READ. = NA ppm RF =1.00

OVM CALIB. GAS = NA ppm

TIME: NA am/pm DATE: NA

MISCELL. NOTES

WO:

REF #: P-919

VID: VHIXONEVB2

PJ #:

Permit date(s): 06/14/10

OCD Appr. date(s): 01/05/18

Tank ID	OVM = Organic Vapor Meter ppm = parts per million
B	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: GOOGLE EARTH IMAGERY DATE: 10/5/2016. ONSITE: 01/26/18

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: STATE GC CB 1E
Lab ID: 1801D04-002 **Matrix:** MEOH (SOIL)

Client Sample ID: 5PC-TB@ 6' (21)-B
Collection Date: 1/26/2018 12:30:00 PM
Received Date: 1/27/2018 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	ND	30		mg/Kg	20	1/29/2018 11:32:53 AM	36235
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	1/29/2018 11:01:25 AM	36231
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/29/2018 11:01:25 AM	36231
Surr: DNOP	102	70-130		%Rec	1	1/29/2018 11:01:25 AM	36231
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **AG**	
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	1/29/2018 10:51:12 AM	G48753
Surr: BFB	91.9	15-316		%Rec	1	1/29/2018 10:51:12 AM	G48753
EPA METHOD 8021B: VOLATILES						Analyst: **AG**	
Benzene	ND	0.019		mg/Kg	1	1/29/2018 10:51:12 AM	B48753
Toluene	ND	0.037		mg/Kg	1	1/29/2018 10:51:12 AM	B48753
Ethylbenzene	ND	0.037		mg/Kg	1	1/29/2018 10:51:12 AM	B48753
Xylenes, Total	ND	0.074		mg/Kg	1	1/29/2018 10:51:12 AM	B48753
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	1	1/29/2018 10:51:12 AM	B48753

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

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)

Turn-Around Time:
☐ Standard ☑ Rush SAME DAY

Project Name:
STATE GC CB #1E

Project #:

Project Manager:
ERIN GARIFALOS

Sampler: NELSON VELEZ

On Ice: ☑ Yes ☐ No NV

Sample Temperature: 0.8+0.2(C)=1.0

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. 1801D04	BTEX + ~~MTBE + TMB's~~ (8021B)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	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	Air Bubbles (Y or N)
~~1/26/18~~	~~1215~~	~~SOIL~~	~~SPC-TB @ 5' (15)-A~~	~~4 oz. - 1~~	~~Cool~~	001	✓		✓									✓			✓	
1/26/18	1230	SOIL	SPC-TB @ 6' (21)-B	4 oz. - 1	Cool	002	✓		✓									✓			✓	

Date:	Time:	Relinquished by:	Received by:	Date	Time
1/26/18	1428			1/26/18	1425
Date:	Time:	Relinquished by:	Received by:	Date	Time
1/26/18	1832		Courier	1/27/18	1005

Remarks: BILL DIRECTLY TO BP USING THE CONTACT WITH CORRESPONDING VID & REFERENCE # WHEN APPLICABLE;
CONTACT: ERIN GARIFALOS / VANCE HIXON
VID: VHIXONEVB2
Reference # P-919

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.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1801D04**

31-Jan-18

Client: Blagg Engineering
Project: STATE GC CB 1E

Sample ID	**MB-36235**	SampType:	**mblk**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**PBS**	Batch ID:	**36235**		RunNo:	**48756**				
Prep Date:	**1/29/2018**	Analysis Date:	**1/29/2018**		SeqNo:	**1569479**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	**LCS-36235**	SampType:	**lcs**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**LCSS**	Batch ID:	**36235**		RunNo:	**48756**				
Prep Date:	**1/29/2018**	Analysis Date:	**1/29/2018**		SeqNo:	**1569480**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	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#: **1801D04**

31-Jan-18

Client: Blagg Engineering
Project: STATE GC CB 1E

Sample ID **LCS-36231** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **36231** RunNo: **48751**
Prep Date: **1/29/2018** Analysis Date: **1/29/2018** SeqNo: **1568685** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.9	70	130			
Surr: DNOP	4.8		5.000		95.9	70	130			

Sample ID **MB-36231** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **36231** RunNo: **48751**
Prep Date: **1/29/2018** Analysis Date: **1/29/2018** SeqNo: **1568686** 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	10		10.00		101	70	130			

Sample ID **1801D04-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **5PC-TB@ 5' (45)-A** Batch ID: **36231** RunNo: **48751**
Prep Date: **1/29/2018** Analysis Date: **1/29/2018** SeqNo: **1568812** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	9.5	47.66	15.44	102	55.8	125			
Surr: DNOP	4.8		4.766		100	70	130			

Sample ID **1801D04-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **5PC-TB@ 5' (45)-A** Batch ID: **36231** RunNo: **48751**
Prep Date: **1/29/2018** Analysis Date: **1/29/2018** SeqNo: **1568813** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	9.5	47.48	15.44	102	55.8	125	0.286	20	
Surr: DNOP	4.8		4.748		102	70	130	0	0	

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#: **1801D04**

31-Jan-18

Client: Blagg Engineering
Project: STATE GC CB 1E

Sample ID **1801D04-001AMS** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **5PC-TB@ 5' (45)-A** Batch ID: **G48753** RunNo: **48753**
Prep Date: Analysis Date: **1/29/2018** SeqNo: **1569229** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.3	21.28	0	94.4	77.8	128			
Surr: BFB	880		851.1		104	15	316			

Sample ID **1801D04-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **5PC-TB@ 5' (45)-A** Batch ID: **G48753** RunNo: **48753**
Prep Date: Analysis Date: **1/29/2018** SeqNo: **1569230** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.3	21.28	0	94.2	77.8	128	0.170	20	
Surr: BFB	900		851.1		105	15	316	0	0	

Sample ID **RB** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **G48753** RunNo: **48753**
Prep Date: Analysis Date: **1/29/2018** SeqNo: **1569231** 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	910		1000		91.2	15	316			

Sample ID **2.5UG GRO LCS** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **G48753** RunNo: **48753**
Prep Date: Analysis Date: **1/29/2018** SeqNo: **1570600** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.3	75.9	131			
Surr: BFB	990		1000		98.9	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#: **1801D04**

31-Jan-18

Client: Blagg Engineering
Project: STATE GC CB 1E

Sample ID **100NG BTEX LCS** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **B48753** RunNo: **48753**
Prep Date: Analysis Date: **1/29/2018** SeqNo: **1569264** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.6	77.3	128			
Toluene	0.87	0.050	1.000	0	86.9	79.2	125			
Ethylbenzene	0.87	0.050	1.000	0	86.6	80.7	127			
Xylenes, Total	2.6	0.10	3.000	0	85.7	81.6	129			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Sample ID **RB** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **B48753** RunNo: **48753**
Prep Date: Analysis Date: **1/29/2018** SeqNo: **1569268** 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	1.1		1.000		107	80	120			

Sample ID **1801D04-002AMS** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **5PC-TB@ 6' (21)-B** Batch ID: **B48753** RunNo: **48753**
Prep Date: Analysis Date: **1/29/2018** SeqNo: **1569272** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.60	0.019	0.7407	0	80.5	80.9	132			S
Toluene	0.58	0.037	0.7407	0	78.3	79.8	136			S
Ethylbenzene	0.57	0.037	0.7407	0	76.3	79.4	140			S
Xylenes, Total	1.7	0.074	2.222	0	76.4	78.5	142			S
Surr: 4-Bromofluorobenzene	0.87		0.7407		118	80	120			

Sample ID **1801D04-002AMSD** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **5PC-TB@ 6' (21)-B** Batch ID: **B48753** RunNo: **48753**
Prep Date: Analysis Date: **1/29/2018** SeqNo: **1569273** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.019	0.7407	0	119	80.9	132	38.7	20	R
Toluene	0.88	0.037	0.7407	0	118	79.8	136	40.8	20	R
Ethylbenzene	0.85	0.037	0.7407	0	114	79.4	140	39.8	20	R
Xylenes, Total	2.5	0.074	2.222	0	113	78.5	142	38.4	20	R
Surr: 4-Bromofluorobenzene	0.88		0.7407		118	80	120	0	0	

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: 1801D04 | RcptNo: 1

Received By: Erin Melendrez 1/27/2018 10:09:00 AM

Completed By: Dennis Suazo 1/29/2018 8:13:06 AM

Reviewed By: ENM 1/29/18

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° C to 6.0°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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	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:

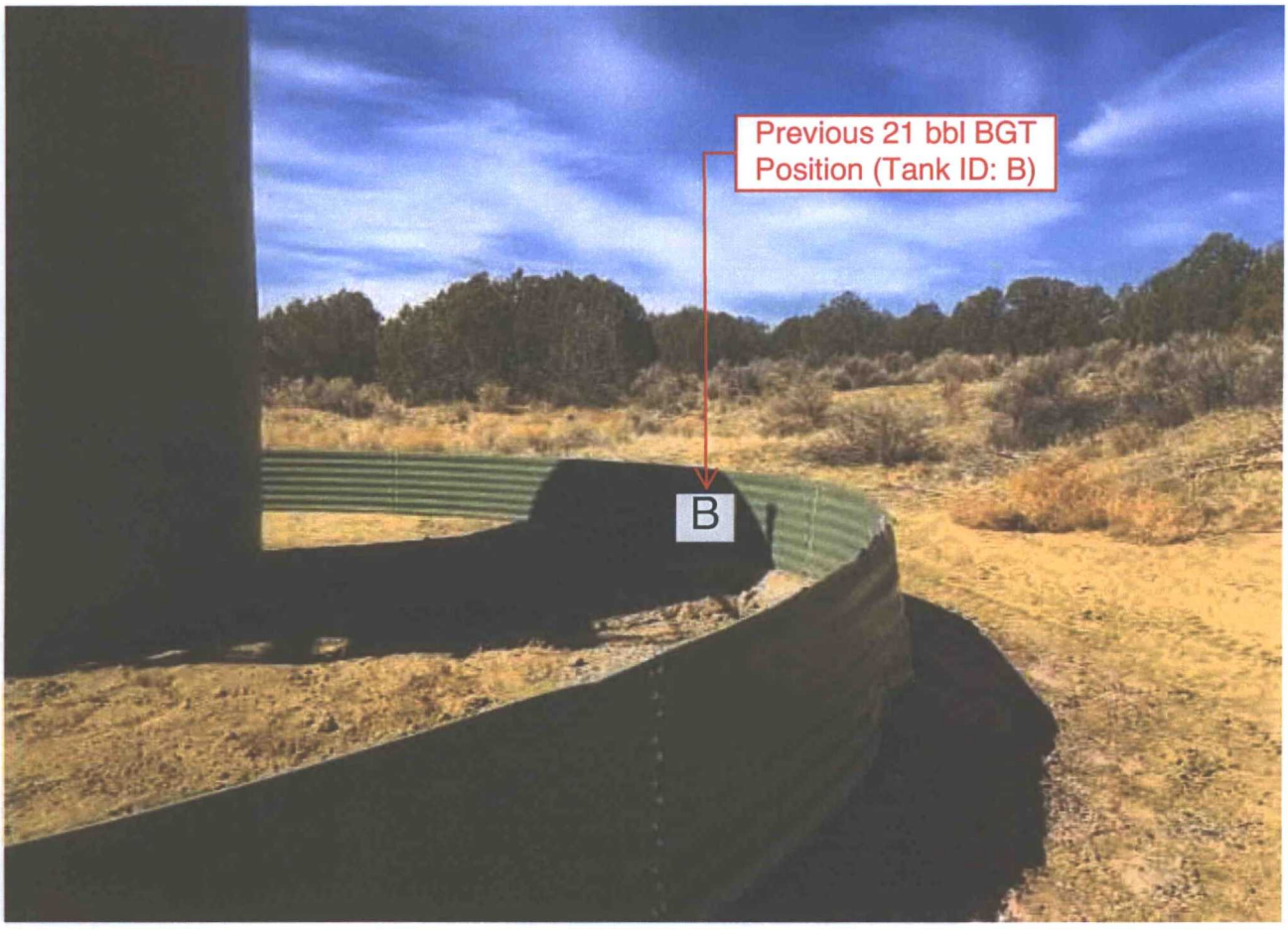
Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Not Present			


505-326-9200
OR
505-947-9900
BP AMERICA PRODUCTION COMPANY
STATE GAS COM CB 001E
API 3004525297 LEASE STATE
1700 FNL 950 FWL (E) SEC 32 T30N R9W
SAN JUAN COUNTY ELEV 5814
LAT 36° 46' 15.636"
LONG 107° 48' 33.660"


Previous 21 bbl BGT
Position (Tank ID: B)
B