

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	Contact: Steve Moskal	
Address: 380 Airport Road, Suite A, Durango, CO 81303	Telephone No.: 505-330-9179	
Facility Name: Gallegos Canyon Unit 235	Facility Type: Natural gas well	
Surface Owner: Fee	Mineral Owner: Federal	API No. 3004511691

LOCATION OF RELEASE

Unit Letter H	Section 13	Township 28N	Range 13W	Feet from the 2240	North/South Line North	Feet from the 995	East/West Line East	County: San Juan
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Latitude 36.66317° Longitude -108.16467°

NATURE OF RELEASE



Type of Release: hydrocarbons	Volume of Release: unknown	Volume Recovered: none
Source of Release: Integrity of BGT fitting on inspection port	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: February 23, 2018; 1:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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.* During BGT closure activities, impacts were identified beneath the 95 bbl tank. Lab analysis confirms the impacts are above the BGT closure standards and spill and release guidelines with a site ranking of 0.

Describe Area Affected and Cleanup Action Taken.* The area has been fully delineated with impacts removed and hauled off site on June 11, 2018 after a subsequent excavation to remove soils which were left in place by the crew. The attached report documents the field activities, confirmation sampling of the soil being removed from the site and a certificate of waste for the removed soils. BP request no further action in regards to this event.

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: <u>10/24/18</u>	Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: June 21, 2018	Phone: 505-330-9179	

* Attach Additional Sheets If Necessary

NVF 1812137578

NMOCD

JUN 26 2018

DISTRICT III

16

CLIENT:

BP

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

API #: 3004511691

TANK ID
(if applicable): A

FIELD REPORT:

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

PAGE #: 1 of 1

SITE INFORMATION:

SITE NAME: GCU # 235

QUAD/UNIT: H SEC: 13 TWP: 28N RNG: 13W PM: NM CNTY: SJ ST: NM

1/4 - 1/4 FOOTAGE: 2,240'N / 995'E SE/NE LEASE TYPE: FEDERAL / STATE / FEE / INDIANLEASE #: SF078807A PROD. FORMATION: DK CONTRACTOR: BP - J. GONZALES

DATE STARTED: 06/11/18

DATE FINISHED:

ENVIRONMENTAL

SPECIALIST(S): NJV

REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: 36.66333 X 108.16502

GL ELEV.: 5,632'

1) 95 BGT (SW/DB) - A GPS COORD.: 36.66317 X 108.16467 DISTANCE/BEARING FROM W.H.: 114', S74.5E
 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:	OVN READING (ppm)
1) <u>GRAB @ 4' (95) - A</u>	<u>02/23/18</u>	<u>1250</u>	<u>8015B/8021B/300.0 (CI)</u>	<u>1,917</u>
2) <u>GRAB @ 8' (95) - A</u>	<u>02/23/18</u>	<u>1300</u>	<u>8015B/8021B/300.0 (CI)</u>	<u>4.7</u>
3) <u>5PC - TH @ 4', 6', 8'</u>	<u>06/11/18</u>	<u>1300</u>	<u>8015B/8021B/300.0 (CI)</u>	<u>NA</u>
4) <u>SAMPLE ID:</u>	<u>SAMPLE DATE:</u>	<u>SAMPLE TIME:</u>	<u>LAB ANALYSIS:</u>	
5) <u>SAMPLE ID:</u>	<u>SAMPLE DATE:</u>	<u>SAMPLE TIME:</u>	<u>LAB ANALYSIS:</u>	

SOIL DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER: (imported)SOIL COLOR: MOSTLY DARK YELLOWISH ORANGECOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSEMOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDSAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. NADISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION: GRAY TO BLACK AT NE QUADRANT OF 95 BGT ONLY.

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: DISCOLORED SOILS ONLY.ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION:

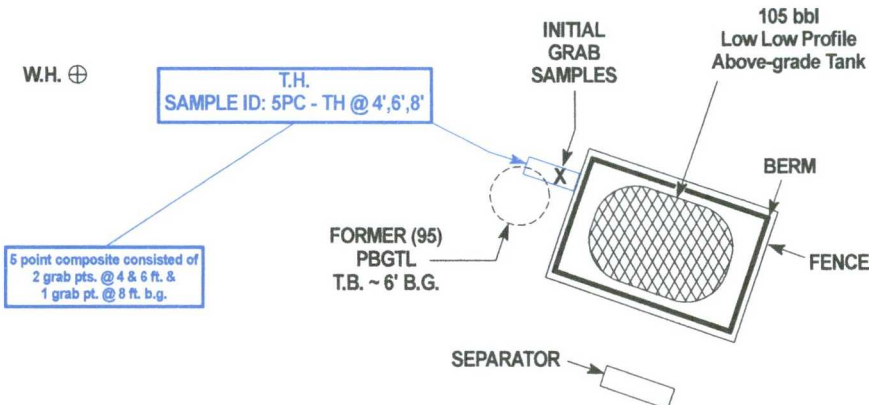
SITE OBSERVATIONS:

LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION: 90 DEG. FITTING AT BOTTOM OF BGT INSPECTION PORT.APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: YES / NO EXPLANATION: HYDROCARBONS PHYSICALLY OBSERVED & DETECTED.EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION: 105 BBL SHALLOW LOW PROFILE ABOVE-GRADE TANK TO BE SET ATOP BGT LOCATION.OTHER: NMOC D OR BLM REPS. NOT PRESENT TO WITNESS CONFIRMATION SAMPLING. IMPORTED GRAVEL AT BASE OF BGT APPROX. 1 FT. THICK.IMPACTED SOILS APPEAR RELATIVELY SMALL IN QUANTITY (estimated < 2 cubic yards).EXCAVATION DIMENSION ESTIMATION: 8 ft. X 4 ft. X 8 ft. EXCAVATION ESTIMATION (Cubic Yards): 10 %DEPTH TO GROUNDWATER: <100' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE WATER: <200' NMOC D TPH CLOSURE STD: 100 ppm

SITE SKETCH

BGT Located: off / on sitePLOT PLAN circle: attached

OVN CALIB. READ. = NA ppm RF=1.00
 OVN CALIB. GAS = NA ppm
 TIME: NA am/pm DATE: NA



X - S.P.D.

MISCELL. NOTES

WO:

REF #:

VID: VHIXONEVRMSIO #: 190040007685Permit date(s): 06/14/10OCD Appr. date(s): 03/07/17Tank ID: A OVM = Organic Vapor Meter ppm = parts per millionBGT 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: 3/15/2015.ONSITE: 02/23/18, 06/11/18

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1802D30

Date Reported: 2/27/2018

CLIENT: Blagg Engineering

Project: GCU 235

Lab ID: 1802D30-001

Client Sample ID: Grab @ 4' (95)-A

Collection Date: 2/23/2018 12:50:00 PM

Received Date: 2/24/2018 9:25:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	2/26/2018 11:21:28 AM	36723
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: AG
Gasoline Range Organics (GRO)	3400	75		mg/Kg	20	2/26/2018 10:15:41 AM	G49376
Surr: BFB	102	70-130		%Rec	20	2/26/2018 10:15:41 AM	G49376
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	6500	94		mg/Kg	10	2/26/2018 10:37:40 AM	36706
Motor Oil Range Organics (MRO)	1000	470		mg/Kg	10	2/26/2018 10:37:40 AM	36706
Surr: DNOP	0	70-130	S	%Rec	10	2/26/2018 10:37:40 AM	36706
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: AG
Benzene	ND	0.37		mg/Kg	20	2/26/2018 10:15:41 AM	R49376
Toluene	ND	0.75		mg/Kg	20	2/26/2018 10:15:41 AM	R49376
Ethylbenzene	2.4	0.75		mg/Kg	20	2/26/2018 10:15:41 AM	R49376
Xylenes, Total	37	1.5		mg/Kg	20	2/26/2018 10:15:41 AM	R49376
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	20	2/26/2018 10:15:41 AM	R49376
Surr: Toluene-d8	101	70-130		%Rec	20	2/26/2018 10:15:41 AM	R49376

Total Petroleum Hydrocarbons (TPH)

GRO = 3,400 mg/Kg

DRO = 1,000 mg/Kg

MRO = 6,500 mg/Kg

Total TPH = 10,900 mg/Kg

TPH Closure Standard = 100 mg/Kg

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

Analytical ReportLab Order **1802D30**Date Reported: **2/27/2018****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Blagg Engineering**Project:** GCU 235**Lab ID:** 1802D30-002**Client Sample ID:** Grab @ 8' (95)-A**Collection Date:** 2/23/2018 1:00:00 PM**Received Date:** 2/24/2018 9:25:00 AM**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	2/26/2018 11:33:52 AM	36723
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: AG
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	2/26/2018 10:38:38 AM	G49376
Surr: BFB	119	70-130		%Rec	1	2/26/2018 10:38:38 AM	G49376
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	35	9.8		mg/Kg	1	2/26/2018 11:31:53 AM	36706
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/26/2018 11:31:53 AM	36706
Surr: DNOP	91.6	70-130		%Rec	1	2/26/2018 11:31:53 AM	36706
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: AG
Benzene	ND	0.023		mg/Kg	1	2/26/2018 10:38:38 AM	R49376
Toluene	ND	0.045		mg/Kg	1	2/26/2018 10:38:38 AM	R49376
Ethylbenzene	ND	0.045		mg/Kg	1	2/26/2018 10:38:38 AM	R49376
Xylenes, Total	ND	0.090		mg/Kg	1	2/26/2018 10:38:38 AM	R49376
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	2/26/2018 10:38:38 AM	R49376
Surr: Toluene-d8	91.2	70-130		%Rec	1	2/26/2018 10:38:38 AM	R49376

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1806616

Date Reported:

CLIENT: Blagg Engineering

Project: GCU 235

Lab ID: 1806616-001

Matrix: SOIL

Client Sample ID: 5PC-TH @ 4',6',8'

Collection Date: 6/11/2018 10:20:00 AM

Received Date: 6/12/2018 6:50:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	270	30		mg/Kg	20	6/12/2018 10:13:00 AM	38621
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: AG
Gasoline Range Organics (GRO)	5.6	4.1		mg/Kg	1	6/12/2018 9:51:40 AM	R51906
Surr: BFB	126	70-130		%Rec	1	6/12/2018 9:51:40 AM	R51906
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: lrm
Diesel Range Organics (DRO)	130	10		mg/Kg	1	6/12/2018 11:14:25 AM	38618
Motor Oil Range Organics (MRO)	91	50		mg/Kg	1	6/12/2018 11:14:25 AM	38618
Surr: DNOP	119	70-130		%Rec	1	6/12/2018 11:14:25 AM	38618
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: AG
Benzene	ND	0.021		mg/Kg	1	6/12/2018 9:51:40 AM	R51906
Toluene	ND	0.041		mg/Kg	1	6/12/2018 9:51:40 AM	R51906
Ethylbenzene	ND	0.041		mg/Kg	1	6/12/2018 9:51:40 AM	R51906
Xylenes, Total	ND	0.083		mg/Kg	1	6/12/2018 9:51:40 AM	R51906
Surr: 4-Bromofluorobenzene	132	70-130	S	%Rec	1	6/12/2018 9:51:40 AM	R51906
Surr: Toluene-d8	100	70-130		%Rec	1	6/12/2018 9:51:40 AM	R51906

Total Petroleum Hydrocarbons (TPH)

GRO = 5.6 mg/Kg

DRO = 130 mg/Kg

MRO = 91 mg/Kg

Total TPH = 226.6 mg/Kg

TPH Closure Standard = 100 mg/Kg

Composite sample represents soil removed from the location

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 at t

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) _____

0.4

[illegible]

Date:	Time:	Relinquished by:
1/23/18	1810	[Signature]

Received by: Cowler Date Time 2/24/14 925

Reference # P - 932

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1802D30

27-Feb-18

Client: Blagg Engineering

Project: GCU 235

Sample ID	MB-36723	SampType:	mbk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	36723	RunNo:	49384					
Prep Date:	2/26/2018	Analysis Date:	2/26/2018	SeqNo:	1595313	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-36723	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	36723	RunNo:	49384					
Prep Date:	2/26/2018	Analysis Date:	2/26/2018	SeqNo:	1595314	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.6	90	110			

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#: 1802D30

27-Feb-18

Client: Blagg Engineering

Project: GCU 235

Sample ID	LCS-36706		SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics				
Client ID:	LCSS		Batch ID: 36706			RunNo: 49373				
Prep Date:	2/26/2018		Analysis Date: 2/26/2018			SeqNo: 1594363		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	70	130			
Surr: DNOP	4.6		5.000		92.4	70	130			

Sample ID	MB-36706		SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics				
Client ID:	PBS		Batch ID: 36706			RunNo: 49373				
Prep Date:	2/26/2018		Analysis Date: 2/26/2018			SeqNo: 1594364		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		100	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 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#: 1802D30

27-Feb-18

Client: Blagg Engineering

Project: GCU 235

Sample ID	100ng lcs	SampType:	LCS4	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	BatchQC	Batch ID:	R49376	RunNo:	49376					
Prep Date:		Analysis Date:	2/26/2018	SeqNo:	1594398	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.8	80	120			
Toluene	0.94	0.050	1.000	0	94.4	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.9	80	120			
Surr: 4-Bromofluorobenzene	0.45		0.5000		90.2	70	130			
Surr: Toluene-d8	0.49		0.5000		97.1	70	130			

Sample ID	rb	SampType:	MBLK	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	PBS	Batch ID:	R49376	RunNo:	49376					
Prep Date:		Analysis Date:	2/26/2018	SeqNo:	1594406	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	0.51		0.5000		102	70	130			
Surr: Toluene-d8	0.48		0.5000		95.2	70	130			

Sample ID	1802d30-002ams	SampType:	MS4	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	Grab @ 8' (95)-A	Batch ID:	R49376	RunNo:	49376					
Prep Date:		Analysis Date:	2/26/2018	SeqNo:	1594809	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.023	0.9017	0	88.2	80	120			
Toluene	0.80	0.045	0.9017	0	89.1	80	120			
Ethylbenzene	0.78	0.045	0.9017	0	86.5	80	120			
Xylenes, Total	2.5	0.090	2.705	0.02445	91.1	80	120			
Surr: 4-Bromofluorobenzene	0.42		0.4508		92.1	70	130			
Surr: Toluene-d8	0.41		0.4508		90.9	70	130			

Sample ID	1802d30-002amsd	SampType:	MSD4	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	Grab @ 8' (95)-A	Batch ID:	R49376	RunNo:	49376					
Prep Date:		Analysis Date:	2/26/2018	SeqNo:	1594810	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.023	0.9017	0	88.1	80	120	0.121	0	
Toluene	0.82	0.045	0.9017	0	90.4	80	120	1.49	0	
Ethylbenzene	0.82	0.045	0.9017	0	91.3	80	120	5.44	0	
Xylenes, Total	2.4	0.090	2.705	0.02445	88.1	80	120	3.35	0	

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#: 1802D30

27-Feb-18

Client: Blagg Engineering

Project: GCU 235

Sample ID	1802d30-002amsd	SampType:	MSD4	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	Grab @ 8' (95)-A	Batch ID:	R49376	RunNo:	49376					
Prep Date:		Analysis Date:	2/26/2018	SeqNo:	1594810	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.43		0.4508		95.1	70	130	0	0	
Surr: Toluene-d8	0.42		0.4508		93.6	70	130	0	0	

Sample ID	lcs-36666	SampType:	LCS4	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	BatchQC	Batch ID:	36666	RunNo:	49376					
Prep Date:	2/22/2018	Analysis Date:	2/26/2018	SeqNo:	1594812	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.1	70	130			
Surr: Toluene-d8	0.47		0.5000		93.4	70	130			

Sample ID	mb-36666	SampType:	MBLK	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	PBS	Batch ID:	36666	RunNo:	49376					
Prep Date:	2/22/2018	Analysis Date:	2/26/2018	SeqNo:	1594813	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.56		0.5000		112	70	130			
Surr: Toluene-d8	0.47		0.5000		93.4	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#: 1802D30

27-Feb-18

Client: Blagg Engineering

Project: GCU 235

Sample ID	2.5ug gro lcs	SampType: LCS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID:	LCSS	Batch ID: G49376			RunNo: 49376						
Prep Date:		Analysis Date: 2/26/2018			SeqNo: 1594393		Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)		28	5.0	25.00	0	114	70	130			
Surr: BFB		510		500.0		102	70	130			

Sample ID	rb	SampType: MBLK		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID:	PBS	Batch ID: G49376		RunNo: 49376							
Prep Date:		Analysis Date: 2/26/2018		SeqNo: 1594394		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		550		500.0		110	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



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: **1802D30**

RcptNo: **1**

Received By: **Isaiah Ortiz**

2/24/2018 9:25:00 AM

IO

Completed By: **Anne Thorne**

2/26/2018 7:23:13 AM

Anne Thorne

Reviewed By:

IO

2/26/18

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°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:	<u>NV</u>	Date	_____
By Whom:	<u>AS</u>	Via:	<input type="checkbox"/> eMail <input checked="" type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<u>Sample ID</u>		
Client Instructions:	<u>Use Sample ID on Sample Jar</u>		

16. Additional remarks:

AS 02/26/18

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.4	Good	Yes			

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-138
Revised August 1, 2011

*Surface Waste Management Facility Operator
and Generator shall maintain and make this
documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: BP America Production Co. 200 Energy Ct. Farmington, NM 87401	
2. Originating Site: Gallegos Canyon Unit 235 Paykey: VHIXONEVRM	
3. Location of Material (Street Address, City, State or ULSTR): QRT/QRT: SE/NW Unit: H Section: 13 T28N R13W	
4. Source and Description of Waste: Hydrocarbon impacted soil associated with a below grade tank remediation Estimated Volume <u>10</u> yd ³ / bbls Known Volume (to be entered by the operator at the end of the haul) <u>10</u> yd ³ / bbls	
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS Steve Moskal BP America Production Company I, <u>Steve Moskal</u> , representative or authorized agent for <u>BP America Production Company</u> do certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July regulatory determination, the above described waste is: (Check the appropriate classification) <input checked="" type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with exempt waste. <u>Operator Use Only: Waste Acceptance Frequency</u> <input type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load <input type="checkbox"/> RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261 subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) <input type="checkbox"/> MSDS Information <input type="checkbox"/> RCRA Hazardous Waste Analysis <input checked="" type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description in Box 4)	
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS Steve Moskal BP America Production Company I, <u>Steve Moskal</u> , representative for <u>BP America Production Company</u> authorize IEL to complete the required testing/sign the Generator Waste Testing Certification. I, <u>Celia S.</u> , representative for <u>BP America Production Company</u> do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.	
5. Transporter: Crossfire	

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Industrial Ecosystems Inc., JFJ Waste Management Facility (JFJ), Permit NM-01-0010B

Address of Facility: #49 CR 3150 Aztec, NM

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED**

☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Celia Sanchez

TITLE: Clerk

DATE: 6/1/18

SIGNATURE: Celia Sanchez
Surface Waste Management Facility Authorized Agent

TELEPHONE NO.: 505-632-1282

CL-7128
AT-7

6/1/18

505-947-9900

**BP AMERICA PRODUCTION COMPANY
GALLEGOS CANYON UNIT 235**

API 3004511691 LEASE NMNM78391C

2240 FNL 995 FEL (H) SEC 13 T28N R13W

San Juan County ELEV 5632

LAT 36° 39' 47.988"

LONG 108° 9' 54.324"



