

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

OIL CONS. DIV DIST. 3

JAN 05 2015

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: Jeff Peace	
Address: 200 Energy Court, Farmington, NM 87401	Telephone No.: 505-326-9479	
Facility Name: Mudge LS 22	Facility Type: Natural gas well	
Surface Owner: Federal	Mineral Owner: Federal	API No. 3004511057

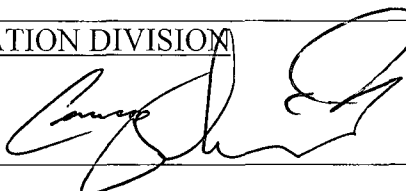
LOCATION OF RELEASE

Unit Letter G	Section 4	Township 31N	Range 11W	Feet from the 1,850	North/South Line North	Feet from the 1,450	East/West Line East	County: San Juan
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Latitude 36.92877 Longitude 107.99187

NATURE OF RELEASE

Type of Release: condensate/oil	Volume of Release: unknown	Volume Recovered: none
Source of Release: unknown - historical	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: March 9, 2010; 3:21 PM
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.* During operations to remove the below grade tank (BGT) prior to plugging and abandoning the well, impacts to soil were found beneath the BGT. Impacts appeared to be historic and sandstone bedrock was found 7 to 10 feet below the surface. Impacted soil was excavated and removed.		
Describe Area Affected and Cleanup Action Taken.* Impacted soil and sandstone bedrock was excavated and removed until all remaining soil samples resulted in less than 1,000 ppm TPH, which is the clean-up standard for this site. Groundwater was not encountered. Approximately 1,695 cubic yards were excavated and hauled to the IEI landfarm for treatment. The site will be reclaimed and seeded since the well has been plugged and abandoned. Attached is a remediation summary with a site diagram, photos, and soil sample analyses.		
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: Jeff Peace	Approved by Environmental Specialist: 	
Title: Field Environmental Coordinator	Approval Date: 2/6/15	Expiration Date:
E-mail Address: peace.jeffrey@bp.com	Conditions of Approval:	Attached ☐
Date: December 31, 2014	Phone: 505-326-9479	

* Attach Additional Sheets If Necessary

#NCS 1503740084

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BP America: Mudge LS 22 (PxA)
(G) Sec 4 – T31N – R11W
API: 30-045-11057
San Juan County, New Mexico

Summary Record of Impact Remediation

March 9, 2010 Soil impacts encountered during closure of 95 barrel BGT. Lab testing of 5-point composite sample collected immediately below BGT found TPH via US EPA 418.1 at 926 ppm. TPH via US EPA 8015B (GRO) = 524 ppm and (DRO) = 592 ppm, with Total BTEX = 6.24 ppm. Evaluation of site ranking criteria indicated a closure standard of 1,000 ppm TPH based on groundwater estimated at >100' and surface water <1000' from impact. The BGT was being removed for PxA of gas well.

October 31, 2014 Initiate site remediation by excavation with trackhoe.

November 4, 2014 Conduct sampling of remediation, with composite sidewall and base samples for lab testing of TPH, BTEX and Chlorides.

November 6, 2014 Conduct sampling of remediation, with composite sidewall and base samples for lab testing of TPH, BTEX and Chlorides.

November 10, 2014 Conduct sampling of remediation, with composite sidewall and base samples for lab testing of TPH, BTEX and Chlorides.

November 17, 2014 Conduct final sampling of remediation, with composite sidewall and base samples for lab testing of TPH, BTEX and Chlorides. Sampling witnessed by NMOCD.

Summary of Failed Lab Tests of Remediation (Note: All samples points subsequently removed via excavation, with re-sampling to confirm closure standards reached)

Sample Date	Sample ID	TPH (Total) 8015B (mg/Kg)
3/9/2010	95 BGT 5-pt @ -7'	1,120
11/4/2014	West Sidewall 5-pt Comp 4'-8'	3,530
11/4/2014	East Sidewall 5-pt Comp 4'-8'	2,660
11/4/2014	Extended West Base 3-pt @ -10'	1,298
11/4/2014	Extended West Wall 3-pt @ 4'-8'	1,904
11/6/2014	Extended West Base 5-pt @ -10.5'	1,279
11/6/2014	2 nd Extended West Wall 5-pt @ 4'-8'	1,427

Summary of Passed Lab Tests for Confirmation of Remediation
(Note: These sample points marked on Overhead Site Photo)

Sample Date	Sample ID	TPH (Total) 8015B (mg/Kg)
11/4/2014	Base 5-pt Comp @ -10'	442
11/4/2014	South Sidewall 5-pt Comp 4'-8'	18.7
11/10/2014	Extended West Base 5-pt @ -12'	112
11/10/2014	3 rd Extended West Wall 5-pt 4'-9'	39.4
11/17/2014	NE Wall 5-pt Comp 6'-11'	39.2
11/17/2014	SE Wall 5-pt Comp 6'-11'	41.3
11/17/2014	Base 5-pt Comp @ -12.5'	53.4

November 20, 2014 Complete backfilling operation. Total soil volume removed and transported to landfarm approximately = 1,695 cubic yards.

BP AMERICA
MUDGE LS 22

LEGEND

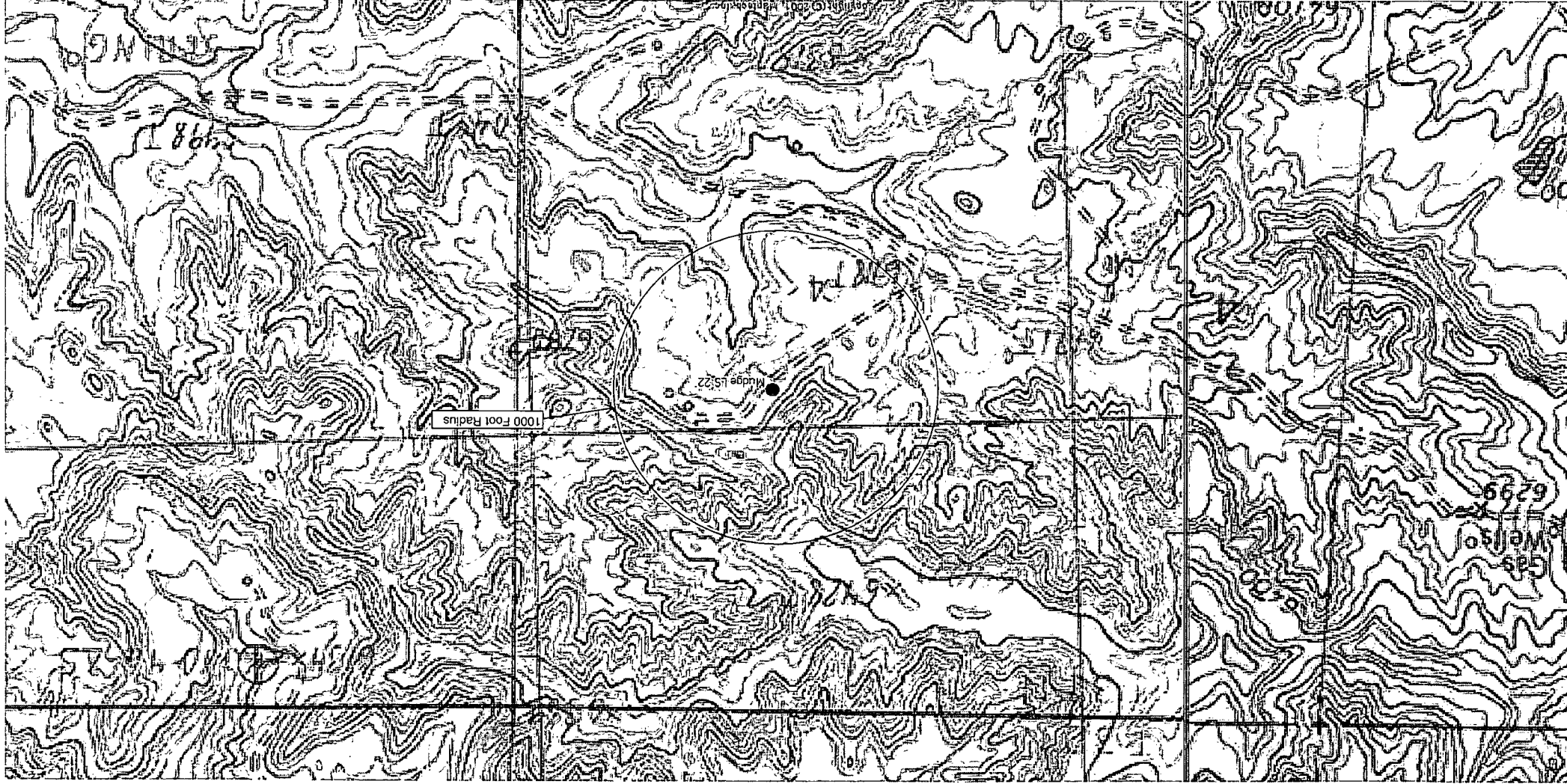
- Base 5-Pt @ -10' on 11/4/2014
- South Sidewall 5-Pt 4'-8' on 11/4/2014
- Extended West Base 5-Pt @ -12' on 11/10/2014
- 3RD Extended West Wall 5-Pt 4'-9' on 11/10/2014
- NE Wall 5-Pt 6'-11' on 11/17/2014
- SE Wall 5-Pt 6'-11' on 11/17/2014
- Base 5-Pt @ -12.5' on 11/17/2014

Final Excavation
11/17/2014
95' x 50' x 10'-12' +/- deep
Approx 1,695 Cubic Yards

Mudge LS 22

PxA Marker

Original BGT Area.





Mudge LS 22
Excavation Looking West
Nov 10, 2014

3rd Extended West Wall
(Dense Sandstone)

Excavation Base on Dense Sandstone



BP America: Mudge LS 22 (PxA)

(G) Sec 4 – T31N – R11W

API: 30-045-11057

San Juan County, New Mexico

PASSED LABORATORY ANALYTICAL REPORTS
WITH QA/QC



BP America Production Co.
PO Box 22024
Tulsa OK, 74121-2024

Project Name: Mudge LS 22
Project Number: 03143-0424
Project Manager: Jeff Blagg

Reported:
06-Nov-14 14:19

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Base 5-Pt Comp @ -10'	P411006-01A	Soil	11/04/14	11/04/14	Glass Jar, 4 oz.
West Sidewall 5-Pt Comp 4'-8'	P411006-02A	Soil	11/04/14	11/04/14	Glass Jar, 4 oz.
East Sidewall 5-Pt Comp 4'-8'	P411006-03A	Soil	11/04/14	11/04/14	Glass Jar, 4 oz.
South Sidewall 5-Pt Comp 4'-8'	P411006-04A	Soil	11/04/14	11/04/14	Glass Jar, 4 oz.

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BP America Production Co. PO Box 22024 Tulsa OK, 74121-2024	Project Name: Mudge LS 22 Project Number: 03143-0424 Project Manager: Jeff Blagg	Reported: 06-Nov-14 14:19
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Base 5-Pt Comp @ -10'
P411006-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Toluene	0.14	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Ethylbenzene	0.24	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
p,m-Xylene	3.30	0.20	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
o-Xylene	0.92	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Total Xylenes	4.22	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Total BTEX	4.60	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %		50-150	1445013	11/04/14	11/05/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	163	9.99	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8015D	
Diesel Range Organics (C10-C28)	279	39.9	mg/kg	2	1445012	11/04/14	11/05/14	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		110 %		50-200	1445012	11/04/14	11/05/14	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		99.4 %		50-150	1445013	11/04/14	11/05/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	38.7	9.85	mg/kg	1	1445016	11/05/14	11/05/14	EPA 300.0	

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BP America Production Co. PO Box 22024 Tulsa OK, 74121-2024	Project Name: Mudge LS 22 Project Number: 03143-0424 Project Manager: Jeff Blagg	Reported: 06-Nov-14 14:19
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South Sidewall 5-Pt Comp 4'-8'
P411006-04 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	50-150		1445013	11/04/14	11/05/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	18.7	9.99	mg/kg	1	1445013	11/04/14	11/05/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	35.0	mg/kg	1	1445012	11/04/14	11/05/14	EPA 8015D	
Surrogate: o-Terphenyl		139 %	50-200		1445012	11/04/14	11/05/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		91.4 %	50-150		1445013	11/04/14	11/05/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	27.3	9.99	mg/kg	1	1445016	11/05/14	11/05/14	EPA 300.0	

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 06-Nov-14 14:19
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1445013 - Purge and Trap EPA 5030A

Blank (1445013-BLK1)				Prepared: 04-Nov-14 Analyzed: 05-Nov-14						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.366		"	0.400		91.5	50-150			

LCS (1445013-BS1)				Prepared: 04-Nov-14 Analyzed: 05-Nov-14						
Benzene	19.5	0.10	mg/kg	20.0		97.7	75-125			
Toluene	19.2	0.10	"	20.0		95.8	70-125			
Ethylbenzene	19.3	0.10	"	20.0		96.5	75-125			
p,m-Xylene	40.0	0.20	"	40.0		99.9	80-125			
o-Xylene	19.4	0.10	"	20.0		96.8	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.376		"	0.400		94.0	50-150			

Matrix Spike (1445013-MS1)				Source: P410146-01		Prepared: 04-Nov-14 Analyzed: 05-Nov-14				
Benzene	21.0	0.10	mg/kg	19.9	ND	105	75-125			
Toluene	20.5	0.10	"	19.9	ND	103	70-125			
Ethylbenzene	20.7	0.10	"	19.9	ND	104	75-125			
p,m-Xylene	42.9	0.20	"	39.9	ND	108	80-125			
o-Xylene	20.8	0.10	"	19.9	ND	104	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.376		"	0.399		94.4	50-150			

Matrix Spike Dup (1445013-MSD1)				Source: P410146-01		Prepared: 04-Nov-14 Analyzed: 05-Nov-14				
Benzene	20.6	0.10	mg/kg	20.0	ND	103	75-125	1.74	15	
Toluene	20.2	0.10	"	20.0	ND	101	70-125	1.41	15	
Ethylbenzene	20.4	0.10	"	20.0	ND	102	75-125	1.20	15	
p,m-Xylene	42.3	0.20	"	39.9	ND	106	80-125	1.36	15	
o-Xylene	20.4	0.10	"	20.0	ND	102	75-125	1.49	15	
Surrogate: 4-Bromochlorobenzene-PID	0.372		"	0.399		93.1	50-150			

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5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

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envirotech-inc.com

laboratory@envirotech-inc.com



BP America Production Co.
PO Box 22024
Tulsa OK, 74121-2024

Project Name: Mudge LS 22
Project Number: 03143-0424
Project Manager: Jeff Blagg

Reported:
06-Nov-14 14:19

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1445012 - DRO Extraction EPA 3550M										
Blank (1445012-BLK1)				Prepared: 04-Nov-14 Analyzed: 05-Nov-14						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	44.0		"	39.9		110	50-200			
LCS (1445012-BS1)				Prepared: 04-Nov-14 Analyzed: 05-Nov-14						
Diesel Range Organics (C10-C28)	504	24.9	mg/kg	498		101	38-132			
Surrogate: o-Terphenyl	42.8		"	39.9		107	50-200			
Matrix Spike (1445012-MS1)				Source: P410146-01		Prepared: 04-Nov-14 Analyzed: 05-Nov-14				
Diesel Range Organics (C10-C28)	519	30.0	mg/kg	500	ND	104	38-132			
Surrogate: o-Terphenyl	40.7		"	40.0		102	50-200			
Matrix Spike Dup (1445012-MSD1)				Source: P410146-01		Prepared: 04-Nov-14 Analyzed: 05-Nov-14				
Diesel Range Organics (C10-C28)	520	29.9	mg/kg	499	ND	104	38-132	0.181	20	
Surrogate: o-Terphenyl	41.5		"	39.9		104	50-200			

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 06-Nov-14 14:19
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1445013 - Purge and Trap EPA 5030A										
Blank (1445013-BLK1)				Prepared: 04-Nov-14 Analyzed: 05-Nov-14						
Gasoline Range Organics (C6-C10)	ND	10.0	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.371		"	0.400		92.8	50-150			
LCS (1445013-BS1)				Prepared: 04-Nov-14 Analyzed: 05-Nov-14						
Gasoline Range Organics (C6-C10)	273	9.99	mg/kg	292		93.4	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.367		"	0.400		91.8	50-150			
Matrix Spike (1445013-MS1)				Source: P410146-01		Prepared: 04-Nov-14 Analyzed: 05-Nov-14				
Gasoline Range Organics (C6-C10)	309	9.97	mg/kg	291	ND	106	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.385		"	0.399		96.6	50-150			
Matrix Spike Dup (1445013-MSD1)				Source: P410146-01		Prepared: 04-Nov-14 Analyzed: 05-Nov-14				
Gasoline Range Organics (C6-C10)	290	9.98	mg/kg	291	ND	99.6	75-125	6.40	15	
Surrogate: 4-Bromochlorobenzene-FID	0.367		"	0.399		92.0	50-150			

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BP America Production Co. PO Box 22024 Tulsa OK, 74121-2024	Project Name: Mudge LS 22 Project Number: 03143-0424 Project Manager: Jeff Blagg	Reported: 06-Nov-14 14:19
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Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1445016 - Anion Extraction EPA 300.0										
Blank (1445016-BLK1)				Prepared & Analyzed: 05-Nov-14						
Chloride	ND	9.86	mg/kg							
LCS (1445016-BS1)				Prepared & Analyzed: 05-Nov-14						
Chloride	461	9.87	mg/kg	494		93.5	90-110			
Matrix Spike (1445016-MS1)				Source: P411007-01 Prepared & Analyzed: 05-Nov-14						
Chloride	501	9.93	mg/kg	497	35.6	93.6	80-120			
Matrix Spike Dup (1445016-MSD1)				Source: P411007-01 Prepared & Analyzed: 05-Nov-14						
Chloride	510	9.96	mg/kg	498	35.6	95.3	80-120	1.97	20	

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WO# X7-004TKC: REST

Pay Key: ZBEEB EDS JG

CHAIN OF CUSTODY RECORD

17973

Client: BP America			Project Name / Location: MUDGE LS 22			ANALYSIS / PARAMETERS													
Email results to: JEFF PEACE JEFF BLAGG NELSON Velez			Sampler Name: J. Blagg			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.: 505-320-1193			Client No.: 03143-0424																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative														
					HNO ₃	HCl													
BASE 5-pt comp @ -10'	11/4/2014	0910	P411006-01	1 x 402				X	X									X	X
WEST SIDEWALK 5-pt comp 4'-8'	"	0917	P411006-02	"				X	X									X	X
EAST SIDEWALK 5-pt comp 4'-8'	"	0923	P411006-03	"				X	X									X	X
SOUTH SIDEWALK 5-pt comp 4'-8'	"	0930	P411006-04	"				X	X									X	X
Relinquished by: (Signature) Jeff Blagg					Date 11/4/2014	Time 1133	Received by: (Signature) Minian					Date 11/4/14	Time 1133						
Relinquished by: (Signature)							Received by: (Signature)												
Sample Matrix Soil ☒ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐																			
☐ Sample(s) dropped off after hours to secure drop off area. 8.1 8.0 7.9 7.6														RUSH ASAP BILL BP					

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BP America Production Co.
PO Box 22024
Tulsa OK, 74121-2024

Project Name: Mudge LS 22
Project Number: 03143-0424
Project Manager: Jeff Blagg

Reported:
12-Nov-14 12:59

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Extended West Base 5-pt @ -12'	P411028-01A	Soil	11/10/14	11/10/14	Glass Jar, 4 oz.
3 RD Extended West Wall 5-pt 4'-9'	P411028-02A	Soil	11/10/14	11/10/14	Glass Jar, 4 oz.

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BP America Production Co.
PO Box 22024
Tulsa OK, 74121-2024

Project Name: Mudge LS 22
Project Number: 03143-0424
Project Manager: Jeff Blagg

Reported:
12-Nov-14 12:59

Extended West Base 5-pt @ -12'
P411028-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1446003	11/11/14	11/11/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1446003	11/11/14	11/11/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1446003	11/11/14	11/11/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1446003	11/11/14	11/11/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1446003	11/11/14	11/11/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1446003	11/11/14	11/11/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1446003	11/11/14	11/11/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %		50-150	1446003	11/11/14	11/11/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	11.0	9.96	mg/kg	1	1446003	11/11/14	11/11/14	EPA 8015D	
Diesel Range Organics (C10-C28)	101	29.9	mg/kg	1	1446004	11/11/14	11/12/14	EPA 8015D	
Surrogate: o-Terphenyl		111 %		50-200	1446004	11/11/14	11/12/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		88.6 %		50-150	1446003	11/11/14	11/11/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	10.8	9.88	mg/kg	1	1446005	11/11/14	11/11/14	EPA 300.0	

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 12-Nov-14 12:59
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

3 RD Extended West Wall 5-pt 4'-9'
P411028-02 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1446003	11/11/14	11/11/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1446003	11/11/14	11/11/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1446003	11/11/14	11/11/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1		1446003	11/11/14	11/11/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1446003	11/11/14	11/11/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1		1446003	11/11/14	11/11/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1		1446003	11/11/14	11/11/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %		50-150		1446003	11/11/14	11/11/14	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	39.4	10.0	mg/kg	1		1446003	11/11/14	11/11/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg	1		1446004	11/11/14	11/11/14	EPA 8015D	
Surrogate: o-Terphenyl		98.9 %		50-200		1446004	11/11/14	11/11/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		94.8 %		50-150		1446003	11/11/14	11/11/14	EPA 8015D	
Cation/Anion Analysis										
Chloride	51.2	9.91	mg/kg	1		1446005	11/11/14	11/11/14	EPA 300.0	

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 12-Nov-14 12:59
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1446003 - Purge and Trap EPA 5030A

Blank (1446003-BLK1)				Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.350		"	0.399		87.6	50-150			

LCS (1446003-BS1)				Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Benzene	19.5	0.10	mg/kg	20.0		97.7	75-125			
Toluene	19.5	0.10	"	20.0		97.4	70-125			
Ethylbenzene	19.8	0.10	"	20.0		99.3	75-125			
p,m-Xylene	41.2	0.20	"	40.0		103	80-125			
o-Xylene	19.8	0.10	"	20.0		98.9	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.355		"	0.400		88.9	50-150			

Matrix Spike (1446003-MS1)				Source: P411026-01	Prepared: 10-Nov-14 Analyzed: 11-Nov-14					
Benzene	21.0	0.10	mg/kg	20.0	ND	105	75-125			
Toluene	20.7	0.10	"	20.0	ND	104	70-125			
Ethylbenzene	21.0	0.10	"	20.0	ND	105	75-125			
p,m-Xylene	42.7	0.20	"	39.9	ND	107	80-125			
o-Xylene	21.0	0.10	"	20.0	ND	105	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.383		"	0.399		95.9	50-150			

Matrix Spike Dup (1446003-MSD1)				Source: P411026-01	Prepared: 10-Nov-14 Analyzed: 11-Nov-14					
Benzene	20.4	0.10	mg/kg	20.0	ND	102	75-125	2.79	15	
Toluene	20.4	0.10	"	20.0	ND	102	70-125	1.59	15	
Ethylbenzene	20.7	0.10	"	20.0	ND	104	75-125	1.63	15	
p,m-Xylene	42.5	0.20	"	39.9	ND	107	80-125	0.331	15	
o-Xylene	20.8	0.10	"	20.0	ND	104	75-125	0.718	15	
Surrogate: 4-Bromochlorobenzene-PID	0.384		"	0.399		96.1	50-150			

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BP America Production Co.	Project Name:	Mudge LS 22	
PO Box 22024	Project Number:	03143-0424	Reported:
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	12-Nov-14 12:59

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1446003 - Purge and Trap EPA 5030A										
Blank (1446003-BLK1)				Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.341		"	0.399		85.3	50-150			
LCS (1446003-BS1)				Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Gasoline Range Organics (C6-C10)	263	9.99	mg/kg	292		90.2	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.343		"	0.400		85.8	50-150			
Matrix Spike (1446003-MS1)				Source: P411026-01		Prepared: 10-Nov-14 Analyzed: 11-Nov-14				
Gasoline Range Organics (C6-C10)	280	9.99	mg/kg	292	13.4	91.6	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.355		"	0.399		88.8	50-150			
Matrix Spike Dup (1446003-MSD1)				Source: P411026-01		Prepared: 10-Nov-14 Analyzed: 11-Nov-14				
Gasoline Range Organics (C6-C10)	278	9.98	mg/kg	291	13.4	90.7	75-125	0.970	15	
Surrogate: 4-Bromochlorobenzene-FID	0.379		"	0.399		94.9	50-150			

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 12-Nov-14 12:59
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1446004 - DRO Extraction EPA 3550M										
Blank (1446004-BLK1)				Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Diesel Range Organics (C10-C28)	ND	24.9	mg/kg							
Surrogate: <i>o</i> -Terphenyl	71.8		"	39.9		180	50-200			
LCS (1446004-BS1)				Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Diesel Range Organics (C10-C28)	631	25.0	mg/kg	500		126	38-132			
Surrogate: <i>o</i> -Terphenyl	54.6		"	40.0		137	50-200			
Matrix Spike (1446004-MS1)				Source: P411024-01		Prepared: 10-Nov-14 Analyzed: 11-Nov-14				
Diesel Range Organics (C10-C28)	604	30.0	mg/kg	500	32.8	114	38-132			
Surrogate: <i>o</i> -Terphenyl	49.9		"	40.0		125	50-200			
Matrix Spike Dup (1446004-MSD1)				Source: P411024-01		Prepared: 10-Nov-14 Analyzed: 11-Nov-14				
Diesel Range Organics (C10-C28)	666	29.9	mg/kg	499	32.8	127	38-132	9.81	20	
Surrogate: <i>o</i> -Terphenyl	55.8		"	39.9		140	50-200			

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BP America Production Co.
PO Box 22024
Tulsa OK, 74121-2024

Project Name: Mudge LS 22
Project Number: 03143-0424
Project Manager: Jeff Blagg

Reported:
12-Nov-14 12:59

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1446005 - Anion Extraction EPA 300.0										
Blank (1446005-BLK1)				Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Chloride	ND	9.85	mg/kg							
LCS (1446005-BS1)				Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Chloride	489	10.0	mg/kg	501		97.7	90-110			
Matrix Spike (1446005-MS1)				Source: P411015-01 Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Chloride	657	10.0	mg/kg	501	149	101	80-120			
Matrix Spike Dup (1446005-MSD1)				Source: P411015-01 Prepared: 10-Nov-14 Analyzed: 11-Nov-14						
Chloride	660	10.0	mg/kg	501	149	102	80-120	0.555	20	

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BP America Production Co.
PO Box 22024
Tulsa OK, 74121-2024

Project Name: Mudge LS 22
Project Number: 03143-0424
Project Manager: Jeff Blagg

Reported:
19-Nov-14 12:12

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
NE Wall 5-Pt Comp 6'-11'	P411056-01A	Soil	11/17/14	11/17/14	Glass Jar, 4 oz.
SE Wall 5-Pt Comp 6'-11'	P411056-02A	Soil	11/17/14	11/17/14	Glass Jar, 4 oz.
Base 5-Pt Comp @ -12 1/2'	P411056-03A	Soil	11/17/14	11/17/14	Glass Jar, 4 oz.

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 19-Nov-14 12:12
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

NE Wall 5-Pt Comp 6'-11'
P411056-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		83.8 %		50-150	1447005	11/18/14	11/18/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.99	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8015D	
Diesel Range Organics (C10-C28)	39.2	30.0	mg/kg	1	1447010	11/18/14	11/18/14	EPA 8015D	
Surrogate: o-Terphenyl		110 %		50-200	1447010	11/18/14	11/18/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		84.8 %		50-150	1447005	11/18/14	11/18/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	15.1	9.94	mg/kg	1	1447011	11/18/14	11/18/14	EPA 300.0	

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 19-Nov-14 12:12
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

SE Wall 5-Pt Comp 6'-11'
P411056-02 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %		50-150	1447005	11/18/14	11/18/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	11.2	9.97	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8015D	
Diesel Range Organics (C10-C28)	30.1	29.9	mg/kg	1	1447010	11/18/14	11/18/14	EPA 8015D	
Surrogate: o-Terphenyl		111 %		50-200	1447010	11/18/14	11/18/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		87.1 %		50-150	1447005	11/18/14	11/18/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	22.3	9.84	mg/kg	1	1447011	11/18/14	11/18/14	EPA 300.0	

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 19-Nov-14 12:12
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

Base 5-Pt Comp @ -12 1/2'
P411056-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %		50-150	1447005	11/18/14	11/18/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	11.3	10.0	mg/kg	1	1447005	11/18/14	11/18/14	EPA 8015D	
Diesel Range Organics (C10-C28)	42.1	29.9	mg/kg	1	1447010	11/18/14	11/18/14	EPA 8015D	
Surrogate: o-Terphenyl		109 %		50-200	1447010	11/18/14	11/18/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		84.9 %		50-150	1447005	11/18/14	11/18/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	31.8	9.89	mg/kg	1	1447011	11/18/14	11/18/14	EPA 300.0	

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 19-Nov-14 12:12
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1447005 - Purge and Trap EPA 5030A

Blank (1447005-BLK1)				Prepared: 17-Nov-14 Analyzed: 18-Nov-14						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.338		"	0.400		84.4	50-150			

LCS (1447005-BS1)				Prepared: 17-Nov-14 Analyzed: 18-Nov-14						
Benzene	19.0	0.10	mg/kg	20.0		95.0	75-125			
Toluene	18.6	0.10	"	20.0		93.3	70-125			
Ethylbenzene	18.7	0.10	"	20.0		93.5	75-125			
p,m-Xylene	38.1	0.20	"	40.0		95.2	80-125			
o-Xylene	18.1	0.10	"	20.0		90.6	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.332		"	0.400		83.1	50-150			

Matrix Spike (1447005-MS1)				Source: P411041-01	Prepared: 17-Nov-14 Analyzed: 18-Nov-14					
Benzene	22.6	0.10	mg/kg	20.0	ND	113	75-125			
Toluene	21.8	0.10	"	20.0	ND	109	70-125			
Ethylbenzene	21.6	0.10	"	20.0	ND	108	75-125			
p,m-Xylene	44.3	0.20	"	40.0	ND	111	80-125			
o-Xylene	21.5	0.10	"	20.0	ND	108	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.350		"	0.400		87.5	50-150			

Matrix Spike Dup (1447005-MSD1)				Source: P411041-01	Prepared: 17-Nov-14 Analyzed: 18-Nov-14					
Benzene	20.5	0.10	mg/kg	20.0	ND	103	75-125	9.48	15	
Toluene	19.5	0.10	"	20.0	ND	97.8	70-125	11.1	15	
Ethylbenzene	19.6	0.10	"	20.0	ND	98.3	75-125	9.47	15	
p,m-Xylene	40.7	0.20	"	39.9	ND	102	80-125	8.48	15	
o-Xylene	19.4	0.10	"	20.0	ND	97.4	75-125	10.2	15	
Surrogate: 4-Bromochlorobenzene-PID	0.337		"	0.399		84.5	50-150			

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BP America Production Co.	Project Name:	Mudge LS 22	
PO Box 22024	Project Number:	03143-0424	Reported:
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	19-Nov-14 12:12

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1447005 - Purge and Trap EPA 5030A										
Blank (1447005-BLK1)				Prepared: 17-Nov-14 Analyzed: 18-Nov-14						
Gasoline Range Organics (C6-C10)	ND	9.99	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.327		"	0.400		81.8	50-150			
LCS (1447005-BS1)				Prepared: 17-Nov-14 Analyzed: 18-Nov-14						
Gasoline Range Organics (C6-C10)	254	9.99	mg/kg	292		87.2	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.333		"	0.400		83.3	50-150			
Matrix Spike (1447005-MS1)				Source: P411041-01		Prepared: 17-Nov-14 Analyzed: 18-Nov-14				
Gasoline Range Organics (C6-C10)	299	9.99	mg/kg	292	ND	103	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.345		"	0.400		86.4	50-150			
Matrix Spike Dup (1447005-MSD1)				Source: P411041-01		Prepared: 17-Nov-14 Analyzed: 18-Nov-14				
Gasoline Range Organics (C6-C10)	278	9.98	mg/kg	291	ND	95.5	75-125	7.29	15	
Surrogate: 4-Bromochlorobenzene-FID	0.342		"	0.399		85.6	50-150			

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 19-Nov-14 12:12
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1447010 - DRO Extraction EPA 3550M										
Blank (1447010-BLK1)				Prepared & Analyzed: 18-Nov-14						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	44.1		"	40.0		110	50-200			
LCS (1447010-BS1)				Prepared & Analyzed: 18-Nov-14						
Diesel Range Organics (C10-C28)	568	24.9	mg/kg	499		114	38-132			
Surrogate: o-Terphenyl	42.3		"	39.9		106	50-200			
Matrix Spike (1447010-MS1)				Source: P411055-01		Prepared & Analyzed: 18-Nov-14				
Diesel Range Organics (C10-C28)	767	29.9	mg/kg	499	342	85.2	38-132			
Surrogate: o-Terphenyl	44.0		"	39.9		110	50-200			
Matrix Spike Dup (1447010-MSD1)				Source: P411055-01		Prepared & Analyzed: 18-Nov-14				
Diesel Range Organics (C10-C28)	759	29.9	mg/kg	499	342	83.6	38-132	1.02	20	
Surrogate: o-Terphenyl	43.4		"	39.9		109	50-200			

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BP America Production Co.	Project Name:	Mudge LS 22	Reported: 19-Nov-14 12:12
PO Box 22024	Project Number:	03143-0424	
Tulsa OK, 74121-2024	Project Manager:	Jeff Blagg	

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1447011 - Anion Extraction EPA 300.0										
Blank (1447011-BLK1)				Prepared & Analyzed: 18-Nov-14						
Chloride	ND	9.96	mg/kg							
LCS (1447011-BS1)				Prepared & Analyzed: 18-Nov-14						
Chloride	493	9.89	mg/kg	494		99.7	90-110			
Matrix Spike (1447011-MS1)				Source: P411055-01 Prepared & Analyzed: 18-Nov-14						
Chloride	607	9.82	mg/kg	491	117	99.6	80-120			
Matrix Spike Dup (1447011-MSD1)				Source: P411055-01 Prepared & Analyzed: 18-Nov-14						
Chloride	610	9.86	mg/kg	493	117	99.8	80-120	0.497	20	

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CHAIN OF CUSTODY RECORD

17526

Client: BP AMERICA			Project Name / Location: MUDGE LS 22			ANALYSIS / PARAMETERS														
Email results to: JEFF PEACE JEFF BLAGG Nelson Velaz			Sampler Name: Jeff Blagg			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals:	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Client Phone No.: 505-320-1123			Client No.: 03143-0424																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative															
					HNO ₃	HCl														
NE Wall 5-pt comp 6'-11"	11/17/14	1502	P411056-01	1 x 402				X	X										X	X
SE Wall 5-pt comp 6'-11"	"	1503	P411056-02	"				X	X										X	X
BASE 5-pt comp @ -12 1/2'	"	1512	P411056-03	"				X	X										X	X
Relinquished by: (Signature) <i>Jeff Blagg</i>					Date	Time	Received by: (Signature) <i>Miriam Joe</i>					Date	Time							
					11/17/2014	1628						11/17/14	16:28							
Relinquished by: (Signature)							Received by: (Signature)													
Sample Matrix																				
Soil ☒ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐																				
☐ Sample(s) dropped off after hours to secure drop off area. Work # X7-004TICK REST Pay Key: ZBEEBE 05JS										RUSH ASAP Bill BP 7.2 6.8 3.5 (5.8)										