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

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 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: 200 Energy Court, Farmington, NM 87401 Telephone No.: 505-326-9497 Facility Name: State Com H 009 Facility Type: Natural gas well Mineral Owner: State API No. 3004520060 Surface Owner: State LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County: San Juan 09W 16 30N 1,045 North 1,575 East Latitude 36.81604° Longitude -107.78260° NATURE OF RELEASE Type of Release: Unknown - hydrocarbon Volume of Release: unknown Volume Recovered: none Source of Release: Unknown - suspect earthen pit Date and Hour of Occurrence: Date and Hour of Discovery: December unknown 5, 2016 Was Immediate Notice Given? If YES, To Whom? OIL CONS. DIV DIST. 3 ☐ Yes ☐ No ☒ Not Required By Whom? Steve Moskal Date and Hour: AUG 0 9 2017 If YES, Volume Impacting the Watercourse. Was a Watercourse Reached? ☐ Yes 🏻 No If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* During equipment removal after the production well was plugged and abandoned, the construction crew discovered what appears to be hydrocarbon impacts to the soil, likely associated with an earthen pit. The soil was remediated via soil shredding. Describe Area Affected and Cleanup Action Taken.* The total disturbance was approximately 50'x45'x 16' deep. A total of 800 cubic yards were successfully treated and used for backfill. No further action required. The site is currently being reclaimed. 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. OIL CONSERVATION DIVISION Signature: Mus Miles

* Attach Additional Sheets If Necessary

Title: Field Environmental Coordinator

E-mail Address: steven.moskal@bp.com

Printed Name: Steve Moskal

Date: August 8, 2017

#NVF171447215

Phone: 505-326-9497

Approved by Environmental Specialist:

Expiration

Attached

Approval Date:

Conditions of Approval:



BP America State Com H 9

(B) Sec 16 – T30N – R9W San Juan County, New Mexico API: 30-045-20060

Summary Record of Impact Remediation

<u>December 2, 2016</u> Soils impacted with hydrocarbons encountered during reclamation of PxA wellpad. The original source could not be identified. Initial sampling of impacted media at the 4' depth tested total TPH following U.S.EPA Method 8015 at 6,700 mg/Kg. A sample collected at the 12' depth tested total TPH at non-detect.

Site Closure Standard Determined at 100 ppm TPH based on:

Depth to Groundwater based on BGT permit research > 100 feet (0 points) Distance to water well > 1,000' based on BGT permit research (0 points) Distance to dry wash < 200' based on site measurements (20 points)

Total Site Ranking: 20

April 20, 2017 Begin site remediation via excavation at the initial impact discovery center. Prepare to treat impacted material on-site via soil shredding and chemical treatment.

April 24, 2017 Conduct witnessed sampling of remedial excavation. Final top perimeter of excavation approximately 50' x 45', base perimeter at 16' below grade approximately 25' x 20'. Begin treating impacted soils via soil shredding.

April 25, 2017 Conduct sampling of 8 x 100 CY piles of treated soils.

April 26, 2017 Conduct re-sampling of 2 x 100 CY piles that failed on initial testing.

April 27, 2017 Final review of laboratory analytical reports on excavation and treated soils indicates that remedial excavation and treated soils meet NMOCD standards for closure.

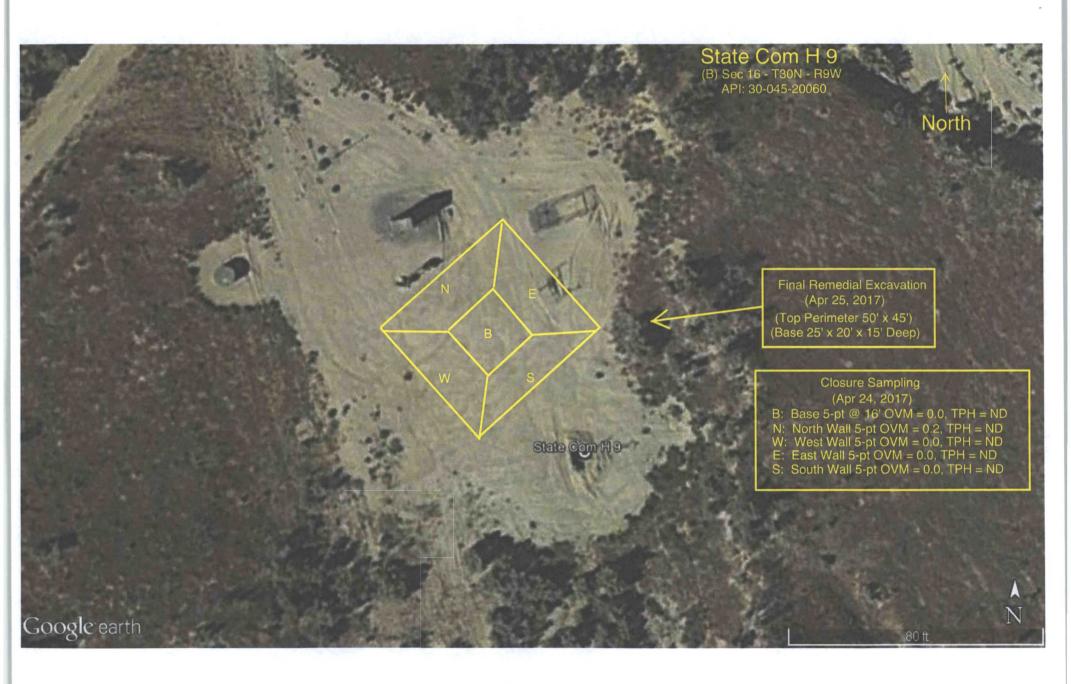
May 5, 2017 Complete backfilling of excavation using treated soils.

Summary laboratory data documenting remedial excavation closure:

Sample ID	Date	TPH Total (mg/Kg)	BTEX Total (mg/Kg)	Benzene (mg/Kg)	Comments
B: Base 5-pt. comp @ 16'	4/24/2017	ND	ND	ND	
N: North Wall 5- pt. comp @ 3' - 13'	4/24/2017	ND	ND	ND	
W: West Wall 5- pt. comp @ 3' - 13'	4/24/2017	ND	ND	ND	
E: East Wall 5- pt. comp @ 3' - 13'	4/24/2017	ND	ND	ND	
S: South Wall 5- pt. comp @ 3' - 13'	4/24/2017	ND	ND	ND	
NMOCD Closure Standard		100	50	10	

Summary laboratory data documenting treated soil closure:

				Field		TPH	TPH	TPH	TPH	
Pile ID	Volume	Date	Date	OVM	BTEX	GRO	DRO	MRO	Total	Chloride
	(CY)	Created	Sampled	(ppm)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
TSP-1	100	4/24/2017	4/25/2017	9.3	ND	ND	58	ND	58	ND
TSP-2	100	4/24/2017	4/25/2017	6.6	ND	ND	120	59	179	ND
TSP-3	100	4/24/2017	4/25/2017	15.1	ND	ND	72	ND	72	ND
TSP-4	100	4/24/2017	4/25/2017	6.9	ND	ND	96	57	153	ND
TSP-5	100	4/24/2017	4/25/2017	8.0	ND	ND	34	ND	34	ND
TSP-6	100	4/24/2017	4/25/2017	4.3	ND	ND	61	ND	61	ND
TSP-7	100	4/24/2017	4/25/2017	3.7	ND	ND	73	ND	73	ND
TSP-8	100	4/24/2017	4/25/2017	3.0	ND	ND	49	ND	49	ND
TSP-2R	100	4/24/2017	4/26/2017	4.4	ND	ND	49	ND	49	ND
TSP-4R	100	4/24/2017	4/26/2017	3.8	ND	ND	34	ND	34	ND



Laboratory Analytical Reports



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 26, 2017

Jeff Blagg Blagg Engineering P. O. Box 87 Bloomfield, NM 87413 TEL: FAX

RE: State COM H 9

OrderNo.: 1704A78

Dear Jeff Blagg:

Hall Environmental Analysis Laboratory received 5 sample(s) on 4/25/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1704A78

Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: Base@16' (5-pt)

Project: State COM H 9 Collection Date: 4/24/2017 10:56:00 AM

Lab ID: 1704A78-001 Matrix: MEOH (SOIL) Received Date: 4/25/2017 7:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	30	mg/Kg	20	4/25/2017 10:22:27 AM	31409
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANIC	S			Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/25/2017 11:16:32 AM	31408
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/25/2017 11:16:32 AM	31408
Surr: DNOP	106	70-130	%Rec	1	4/25/2017 11:16:32 AM	31408
EPA METHOD 8015D: GASOLINE RAM	NGE				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	4/25/2017 8:52:48 AM	G42346
Surr: BFB	100	54-150	%Rec	1	4/25/2017 8:52:48 AM	G42346
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.020	mg/Kg	1	4/25/2017 8:52:48 AM	B42346
Toluene	ND	0.039	mg/Kg	1	4/25/2017 8:52:48 AM	B42346
Ethylbenzene	ND	0.039	mg/Kg	1	4/25/2017 8:52:48 AM	B42346
Xylenes, Total	ND	0.079	mg/Kg	1	4/25/2017 8:52:48 AM	B42346
Surr: 4-Bromofluorobenzene	110	66.6-132	%Rec	1	4/25/2017 8:52:48 AM	B42346

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

- 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
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 11 J
- P Sample pH Not In Range
- Reporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1704A78

Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: North Wall (5-pt)

Project:

Collection Date: 4/24/2017 10:59:00 AM

Lab ID:

State COM H 9 1704A78-002

Matrix: MEOH (SOIL)

Received Date: 4/25/2017 7:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	30	mg/Kg	20	4/25/2017 10:34:52 AM	31409
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS	3			Analyst	TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/25/2017 11:38:25 AM	31408
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	4/25/2017 11:38:25 AM	31408
Surr: DNOP	108	70-130	%Rec	1	4/25/2017 11:38:25 AM	31408
EPA METHOD 8015D: GASOLINE RAN	NGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.3	mg/Kg	1	4/25/2017 9:16:49 AM	G42346
Surr: BFB	98.4	54-150	%Rec	1	4/25/2017 9:16:49 AM	G42346
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.016	mg/Kg	1	4/25/2017 9:16:49 AM	B42346
Toluene	ND	0.033	mg/Kg	1	4/25/2017 9:16:49 AM	B42346
Ethylbenzene	ND	0.033	mg/Kg	1	4/25/2017 9:16:49 AM	B42346
Xylenes, Total	ND	0.066	mg/Kg	1	4/25/2017 9:16:49 AM	B42346
Surr: 4-Bromofluorobenzene	108	66.6-132	%Rec	1	4/25/2017 9:16:49 AM	B42346

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 11 J
- Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Lab Order 1704A78

Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: West Wall (5-pt)

Project: State COM H 9

Lab ID:

Collection Date: 4/24/2017 11:01:00 AM

1704A78-003 Matrix: MEOH (SOIL) Received Date: 4/25/2017 7:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	44	30	mg/Kg	20	4/25/2017 10:47:16 AM	31409
EPA METHOD 8015M/D: DIESEL RANGE	ORGANIC	s			Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/25/2017 10:54:31 AM	31408
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/25/2017 10:54:31 AM	31408
Surr: DNOP	108	70-130	%Rec	1	4/25/2017 10:54:31 AM	31408
EPA METHOD 8015D: GASOLINE RANG	E				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	4/25/2017 9:40:46 AM	G42346
Surr: BFB	102	54-150	%Rec	1	4/25/2017 9:40:46 AM	G42346
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.017	mg/Kg	1	4/25/2017 9:40:46 AM	B42346
Toluene	ND	0.034	mg/Kg	1	4/25/2017 9:40:46 AM	B42346
Ethylbenzene	ND	0.034	mg/Kg	1	4/25/2017 9:40:46 AM	B42346
Xylenes, Total	ND	0.068	mg/Kg	1	4/25/2017 9:40:46 AM	B42346
Surr: 4-Bromofluorobenzene	113	66.6-132	%Rec	1	4/25/2017 9:40:46 AM	B42346

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 3 of 11
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1704A78

Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: East Wall (5-pt)

Project:

State COM H 9

Collection Date: 4/24/2017 11:04:00 AM

Lab ID: 1704A

1704A78-004

Matrix: MEOH (SOIL)

Received Date: 4/25/2017 7:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	30	mg/Kg	20	4/25/2017 10:59:40 AM	31409
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS	S			Analyst	TOM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	4/25/2017 12:00:16 PM	31408
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/25/2017 12:00:16 PM	31408
Surr: DNOP	104	70-130	%Rec	1	4/25/2017 12:00:16 PM	31408
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	4/25/2017 10:04:44 AM	G42346
Surr: BFB	99.6	54-150	%Rec	1	4/25/2017 10:04:44 AM	G42346
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.017	mg/Kg	1	4/25/2017 10:04:44 AM	B42346
Toluene	ND	0.034	mg/Kg	1	4/25/2017 10:04:44 AM	B42346
Ethylbenzene	ND	0.034	mg/Kg	1	4/25/2017 10:04:44 AM	B42346
Xylenes, Total	ND	0.068	mg/Kg	1	4/25/2017 10:04:44 AM	B42346
Surr: 4-Bromofluorobenzene	109	66.6-132	%Rec	1	4/25/2017 10:04:44 AM	B42346

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 4 of 11
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1704A78

Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: South Wall (5-pt)

Project:

State COM H 9

Collection Date: 4/24/2017 11:07:00 AM

Lab ID: 1704A78-005

Matrix: MEOH (SOIL)

Received Date: 4/25/2017 7:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	•				Analyst	MRA
Chloride	ND	30	mg/Kg	20	4/25/2017 11:12:05 AM	31409
EPA METHOD 8015M/D: DIESEL RANG	E ORGANIC	s			Analyst	TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/25/2017 12:22:10 PM	31408
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/25/2017 12:22:10 PM	31408
Surr: DNOP	102	70-130	%Rec	1	4/25/2017 12:22:10 PM	31408
EPA METHOD 8015D: GASOLINE RANG	3E				Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	4/25/2017 10:28:41 AM	G42346
Surr: BFB	101	54-150	%Rec	1	4/25/2017 10:28:41 AM	G42346
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.017	mg/Kg	1	4/25/2017 10:28:41 AM	B42346
Toluene	ND	0.034	mg/Kg	1	4/25/2017 10:28:41 AM	B42346
Ethylbenzene	ND	0.034	mg/Kg	1	4/25/2017 10:28:41 AM	B42346
Xylenes, Total	ND	0.068	mg/Kg	1	4/25/2017 10:28:41 AM	B42346
Surr: 4-Bromofluorobenzene	110	66.6-132	%Rec	1	4/25/2017 10:28:41 AM	B42346

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 5 of 11
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704A78

26-Apr-17

Client:

Blagg Engineering

Project:

State COM H 9

Sample ID MB-31409

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 31409

RunNo: 42344

Prep Date: 4/25/2017

Analysis Date: 4/25/2017

SeqNo: 1331679

Units: mg/Kg

HighLimit

Analyte Chloride

Result ND **PQL** 1.5

PQL

SPK value SPK Ref Val %REC LowLimit

%RPD

RPDLimit

Qual

Sample ID LCS-31409

Client ID: LCSS

SampType: Ics

Batch ID: 31409

RunNo: 42344

TestCode: EPA Method 300.0: Anions

Units: mg/Kg

Analyte

Prep Date: 4/25/2017

Analysis Date: 4/25/2017

SPK value SPK Ref Val %REC

95.9

SeqNo: 1331680

LowLimit HighLimit 90

%RPD

RPDLimit

Qual

Result

15.00

0

14

110

Chloride

1.5

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank В

Value above quantitation range Е

J Analyte detected below quantitation limits

P Sample pH Not In Range

RLReporting Detection Limit

Sample container temperature is out of limit as specified

Page 6 of 11

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704A78

26-Apr-17

Client:

Blagg Engineering

Project:	State CO	M H 9								,÷			
Sample ID	LCS-31408	SampT	ype: LC	s	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics			
Client ID:	LCSS	Batch	ID: 31	408	F	RunNo: 4	2335						
Prep Date:	4/25/2017	Analysis D	ate: 4	25/2017	5	SeqNo: 1	330932	Units: mg/l	(g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range	Organics (DRO)	47	10	50.00	0	93.3	63.8	116					
Surr: DNOP		4.5		5.000		89.4	70	130					
Sample ID	MB-31408	SampT	ype: MI	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	PBS	408	F	RunNo: 42335									
Prep Date:	4/25/2017	Analysis D	ate: 4/	25/2017	\$	SeqNo: 1	330933	Units: mg/l	(g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
=	Organics (DRO)	ND	10										
	ge Organics (MRO)	ND	50	40.00		400	70	400					
Surr: DNOP		11 		10.00		108	.70	130	<u> </u>				
Sample ID	1704A78-001AMS	SampT	ype: MS	3	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	Base@16' (5-pt)	Batch	ID: 31	408	F	RunNo: 4	2335						
Prep Date:	4/25/2017	Analysis D	ate: 4/	25/2017	5	SeqNo: 1	331304	Units: mg/h	(g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
_	Organics (DRO)	50	9.6	48.17	3.475	95.7	51.6	130					
Surr: DNOP		4.6		4.817		95.3	70	130					
Sample ID	1704A78-001AMS	D SampT	ype: MS	SD	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics			
Client ID:	Base@16' (5-pt)	Batch	ID: 31	408	RunNo: 42335								
Prep Date:	4/25/2017	Analysis D	ate: 4/	25/2017	8	SeqNo: 1	331305	Units: mg/h	(g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range	Organics (DRO)	54	9.7	48.69	3.475	104	51.6	130	9.07	20			
Surr: DNOP		4.9		4.869		100	70	130	0	0			
Sample ID	LCS-31395	SampT	ype: LC	s	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics			
Client ID:	LCSS	Batch	ID: 31	395	F	RunNo: 4	2335						
Prep Date:	4/24/2017	Analysis D	ate: 4/	25/2017	S	SeqNo: 1	331306	Units: %Re	С				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: DNOP		4.6		5.000		92.8	70	130					
Sample ID	MB-31395	SampT	ype: ME	BLK	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics			
Client ID:	PBS	•	ID: 31 :		RunNo: 42335								
	4/24/2017	Analysis D	ate: 4/	25/2017	s	SeqNo: 1	331307	Units: %Re	С				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
- Page 7 of 11
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704A78

26-Apr-17

Client:

Blagg Engineering

Project:

State COM H 9

Sample ID MB-31395

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS

Batch ID: 31395

RunNo: 42335

Prep Date: 4/24/2017

Analysis Date: 4/25/2017

SeqNo: 1331307

Units: %Rec

Analyte

Result

SPK value SPK Ref Val

%REC LowLimit HighLimit

%RPD **RPDLimit** Qual

Surr: DNOP

11

10.00

107

70

130

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Page 8 of 11

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704A78

26-Apr-17

Client:

Blagg Engineering

Project:

State COM H 9

Sample ID RB

SampType: MBLK

PRS

Batch ID: **G42346**

TestCode: EPA Method 8015D: Gasoline Range

Client ID: Prep Date:

Analysis Date: 4/25/2017

RunNo: 42346 SeqNo: 1331528

Units: ma/Ka

Result PQL SPK value SPK Ref Val Analyte

ND 5.0 %REC LowLimit **HighLimit** %RPD

RPDLimit

Qual

Gasoline Range Organics (GRO) Surr. BFB

1000

1000

99.7

54 150

Sample ID 2.5UG GRO LCS

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS

Batch ID: G42346

RunNo: 42346

Units: ma/Ka

Analyte

Prep Date:

Analysis Date: 4/25/2017 Result PQL SPK value SPK Ref Val

SeaNo: 1331529 %REC

LowLimit HighLimit 76.4

%RPD **RPDLimit** Qual

Gasoline Range Organics (GRO)

26 5.0 25.00 1100 1000 103 114

150

125

%RPD

Surr: BFB

Sample ID 1704A78-001AMS Base@16' (5-pt)

Sample ID 1704A78-001AMSD

Base@16' (5-pt)

SampType: MS

Batch ID: G42346

RunNo: 42346

LowLimit

LowLimit

61.3

61.3

54

54

TestCode: EPA Method 8015D: Gasoline Range

Units: mg/Kg

RPDLimit

Prep Date: Analyte

Client ID:

Analysis Date: 4/25/2017 **PQL**

3.9

SPK value SPK Ref Val

19.72

788.6

19.72

788.6

SeqNo: 1331530

%REC

98.1

117

HighLimit

150

150

Qual

Gasoline Range Organics (GRO) Surr: BFB

Client ID:

Prep Date:

920

Result

19

18

900

SampType: MSD

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 42346

150

150

0

Analyte Gasoline Range Organics (GRO)

Surr: BFB

Client ID:

Prep Date:

Result PQL

Batch ID: G42346 Analysis Date: 4/25/2017

3.9

SPK value SPK Ref Val %REC

SeqNo: 1331531

93.3

114

Units: mg/Kg **HighLimit**

%RPD

5.01

RPDLimit Qual 20

Sample ID MB-31392

PBS

4/24/2017

SampType: MBLK

Analysis Date: 4/25/2017

Batch ID: 31392

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 42346

SeqNo: 1331541

Units: %Rec

Analyte Surr: BFB Result 1000

SPK value SPK Ref Val PQL

%REC

LowLimit

HighLimit

%RPD **RPDLimit**

Qual

Sample ID LCS-31392

SampType: LCS

102

150 TestCode: EPA Method 8015D: Gasoline Range

150

Client ID:

LCSS Prep Date: 4/24/2017

Analysis Date: 4/25/2017

Batch ID: 31392

PQL

RunNo: 42346 SeqNo: 1331542

54

Units: %Rec

Analyte Surr: BFB Result 1100 SPK value SPK Ref Val

1000

%REC

LowLimit 54

%RPD HighLimit

RPDLimit Qual

1000 111

RI.

Analyte detected in the associated Method Blank Е Value above quantitation range

Page 9 of 11

ND

Sample pH Not In Range

Reporting Detection Limit Sample container temperature is out of limit as specified

Analyte detected below quantitation limits

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

R RPD outside accepted recovery limits S % Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704A78

26-Apr-17

Client:

Blagg Engineering

Project:

State COM H 9

Sample ID	RB
<u>-</u>	

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: **B42346**

RunNo: 42346

SPK value SPK Ref Val %REC LowLimit

Prep Date:

Analysis Date: 4/25/2017

SeqNo: 1331563

Units: mg/Kg

HighLimit

%RPD **RPDLimit**

Qual

Analyte Benzene

Ethylbenzene

Toluene

Result PQL ND 0.025 ND 0.050 0.050 ND

Xylenes, Total Surr. 4-Bromofluorobenzene

1.000

109

66.6

TestCode: EPA Method 8021B: Volatiles

132

Sample ID 100NG BTEX LCS LCSS Client ID:

SampType: LCS

ND

1.1

Batch ID: **B42346**

RunNo: 42346

Prep Date:

Analysis Date: 4/25/2017

0.10

SeqNo: 1331564

Units: mg/Kg

120

120

120

120

132

HighLimit

%RPD

%RPD **RPDLimit** Qual

RPDLimit

Qual

Qual

Page 10 of 11

SPK value SPK Ref Val %REC Analyte Result **PQL** LowLimit Benzene 0.91 0.025 1.000 0 90.7 80 Toluene 0.93 0.050 1.000 0 92.8 80 0.93 0.050 1.000 n 92.8 80 Ethylbenzene Xylenes, Total 2.8 0.10 3.000 0 94.8 80 Surr: 4-Bromofluorobenzene 1.1 1.000 66 6

Sample ID 1704A78-002AMS

SampType: MS

Batch ID: **B42346**

TestCode: EPA Method 8021B: Volatiles

RunNo: 42346

Client ID: Prep Date: North Wall (5-pt)

Analysis Date: 4/25/2017

SeqNo: 1331565

Units: mg/Kg

138

127

132

123

132

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit Benzene 0.59 0.016 0.6553 89.6 61.5 Toluene 0.60 0.033 0.6553 0 91.5 71 4 70.9 0 93.0 Ethylbenzene 0.61 0.033 0.6553 Xylenes, Total 0.066 1.966 0 94.4 76.2 1.9 Surr: 4-Bromofluorobenzene 0.76 0.6553 115 66.6

Sample ID 1704A78-002AMSD

SampType: MSD

TestCode: EPA Method 8021B: Volatiles

North Wall (5-pt) Client ID:

Batch ID: **B42346**

RunNo: 42346

Prep Date:	Analysis [Date: 4	25/2017	8	SeqNo: 1	331566	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	
Benzene	0.57	0.016	0.6553	0	87.3	61.5	138	2.52	20	
Toluene	0.58	0.033	0.6553	0	88.6	71.4	127	3.19	20	
Ethylbenzene	0.59	0.033	0.6553	0	89.8	70.9	132	3.57	20	
Xylenes, Total	1.8	0.066	1.966	0	91.7	76.2	123	2.95	20	
Surr: 4-Bromofluorobenzene	0.73		0.6553		112	66.6	132	0	0	

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704A78

26-Apr-17

Client:

Blagg Engineering

Project:

State COM H 9

Sample ID MB-31392

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

LowLimit

66.6

Client ID:

Batch ID: 31392

RunNo: 42346

Prep Date: 4/24/2017

PBS

Analysis Date: 4/25/2017

SeqNo: 1331567

Analyte

Units: %Rec

Qual

Result

SPK value SPK Ref Val

%REC 111

HighLimit 132 %RPD **RPDLimit**

Surr: 4-Bromofluorobenzene

1.1

1.000

TestCode: EPA Method 8021B: Volatiles

Sample ID LCS-31392

Client ID: LCSS

SampType: LCS Batch ID: 31392

PQL

RunNo: 42346

Analyte

Prep Date: 4/24/2017

Analysis Date: 4/25/2017

SeqNo: 1331568

Units: %Rec

%RPD

Qual

Result

1.000

112

66.6

LowLimit

HighLimit

Surr: 4-Bromofluorobenzene

SPK value SPK Ref Val %REC

132

1.1

RPDLimit

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits

В

Analyte detected in the associated Method Blank

J

Sample pH Not In Range

Reporting Detection Limit

Sample container temperature is out of limit as specified

Value above quantitation range

Analyte detected below quantitation limits

Page 11 of 11



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 Nur	nber: 1704A78		RcptNo:	1
Received By	: Lindsay Mangl	n 4/25/2017 7:15:00) AM	Julythapo		
Completed By	y: Lindsay Mangi	n 4/25/2017 7:28:12	:AM	grafflygo		
Reviewed By:	ENM	04/25/17				
Chain of C	ustody					
1. Custody s	seals intact on sample	e bottles?	Yes 🗔	No 🗀	Not Present	
2. Is Chain o	of Custody complete?	•	Yes 🗹	No 🗆	Not Present	
3. How was	the sample delivered	?	Courier			
<u>Log In</u>						
4. Was an a	ittempt made to cool	the samples?	Yes 🗹	No 🗆	na 🗌	
5. Were all s	samples received at a	a temperature of >0° C to 6.0°C	Yes 🔽	No 🗆	NA []	
6. Sample(s) in proper container	(a)?	Yes 🗹	No 🏻		
7. Sufficient	sample volume for in	idicated test(s)?	Yes 📝	No []]		
8. Are samp	les (except VOA and	ONG) properly preserved?	Yes 🗹	No []		
9. Was pres	ervative added to bot	ties?	Yes 🗌	No 🗹	NA 🗀	
10.VOA vials	have zero headspac	æ?	Yes 🗆	No 🗆	No VOA Vials 🗹	
11, Were any	sample containers r	eceived broken?	Yes	No 🗷	# of amount	
12 Does non	erwork match bottle t	ahain?	Yes [✔]	No ĽT	# of preserved bottles checked for pH:	
• •	repancies on chain o		res (•r	140 (_1		r >12 unless noted)
13. Are matric	es correctly identified	d on Chain of Custody?	Yes 🛂	No 🗀	·Adjusted?	
14, is it clear	what analyses were r	requested?	Yes 🔽	No 🗔		
	olding times able to l fy customer for autho		Yes 🗹	No 🗔	Checked by:	
Snocial Har	ndlina (If applica	ahla)				
		pancies with this order?	Yes	No []]	NA 🔽	
/····· ···· -··	·					i .
. .	on Notified:	Dat			[T] In Domon	}
.	Vhom:	Vla	: _ eMail (_ P	hone [] Fax	in Person	
] _	nt Instructions:				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
17. Additional						I
18. Cooler In						
Cooler	No Temp ℃ Co		Seal Date	Signed By		
Ľ	2.1 God	od Yes	<u> </u>			

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ons seignned	Rightinquist MM	J.J.	Relinquished b		}					_		_	_	SOIL	Matrix		□ Other			- {	(505)		ا	ž D	America	of C	*
If necessary, semples submitted to Hall Environmental may be subcontract	Musta, Walk	Block	ned by:							Sooth well (5-PE)	EAST WALL (S-Pt)	West Wall (5- PE	Noon Will (5-PE)	BASE @ 16'(5-PG)	Sample Request ID		e r	☐ Level 4 (Full Validation)			320-1183			Blade Englyanta Iuc.	Ka	Chain-of-Custody Record	
subcontracted to other	Received by		Repailined by:							_				403×		Same	Sampler: C	9	1	Project Manager		Project #:	- STATE	Project Name:	□ Standard	Turn-Around Time:	
accredited laboratories.	N. C.	Two walk								_		 	_	COOL	Preservative Type	1.70 : guille	Z Blog	Dutale	4	lager:			との単		d KRush	d Time:	
i. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	Date 1	7`	Date Time							-805	tak	BB	722	100-	SLYTHE.		A STATE OF THE STA				·		D I	.	j	SAME	
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Air Bubbles (Y or N)



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 28, 2017

Jeff Blagg Blagg Engineering P. O. Box 87 Bloomfield, NM 87413 TEL: FAX

RE: State Com H9

OrderNo.: 1704B31

Dear Jeff Blagg:

Hall Environmental Analysis Laboratory received 8 sample(s) on 4/26/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1704B31

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: TSP-1

Project:

State Com H9

Collection Date: 4/25/2017 1:10:00 PM

Lab ID:

1704B31-001

Matrix: MEOH (SOIL) Received Da

Received Date: 4/26/2017 7:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	30	mg/Kg	20	4/26/2017 11:31:50 AM	31436
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	S			Analyst	TOM
Diesel Range Organics (DRO)	58	9.6	mg/Kg	1	4/26/2017 11:12:10 AM	31426
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/26/2017 11:12:10 AM	31426
Surr: DNOP	105	70-130	%Rec	1	4/26/2017 11:12:10 AM	31426
EPA METHOD 8015D: GASOLINE RAI	NGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	4/26/2017 10:31:00 AM	SG4237
Surr: BFB	101	54-150	%Rec	5	4/26/2017 10:31:00 AM	SG4237
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.092	mg/Kg	5	4/26/2017 10:31:00 AM	B42379
Toluene	ND	0.18	mg/Kg	5	4/26/2017 10:31:00 AM	B42379
Ethylbenzene	ND	0.18	mg/Kg	5	4/26/2017 10:31:00 AM	B42379
Xylenes, Total	ND	0.37	mg/Kg	5	4/26/2017 10:31:00 AM	B42379
Surr: 4-Bromofluorobenzene	112	66.6-132	%Rec	5	4/26/2017 10:31:00 AM	B42379

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 1 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1704B31

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

State Com H9

Lab ID: 1704B31-002

Project:

Client Sample ID: TSP-2

Collection Date: 4/25/2017 1:13:00 PM

Matrix: MEOH (SOIL) Received Date: 4/26/2017 7:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS			···		Analyst	MRA
Chloride	ND	30	mg/Kg	20	4/26/2017 11:44:14 AM	31436
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANIC	S			Analyst	TOM
Diesel Range Organics (DRO)	120	10	mg/Kg	1	4/26/2017 11:34:09 AM	31426
Motor Oil Range Organics (MRO)	59	50	mg/Kg	1	4/26/2017 11:34:09 AM	31426
Surr: DNOP	109	70-130	%Rec	1	4/26/2017 11:34:09 AM	31426
EPA METHOD 8015D: GASOLINE RAN	lGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	4/26/2017 10:55:00 AM	SG4237
Surr: BFB	103	54-150	%Rec	5	4/26/2017 10:55:00 AM	SG4237
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.089	mg/Kg	5	4/26/2017 10:55:00 AM	B42379
Toluene	ND	0.18	mg/Kg	5	4/26/2017 10:55:00 AM	B42379
Ethylbenzene	ND	0.18	mg/Kg	5	4/26/2017 10:55:00 AM	B42379
Xylenes, Total	ND	0.36	mg/Kg	5	4/26/2017 10:55:00 AM	B42379
Surr: 4-Bromofluorobenzene	110	66.6-132	%Rec	5	4/26/2017 10:55:00 AM	B42379

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

- * 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
- R RPD outside accepted recovery limits
- 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 Page 2 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1704B31

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: TSP-3

Project:

State Com H9

Collection Date: 4/25/2017 1:16:00 PM

Lab ID: 1704B31-003

Matrix: MEOH (SOIL) Received Date: 4/26/2017 7:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	30	mg/Kg	20	4/26/2017 11:56:39 AM	31436
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANICS	8			Analyst	TOM
Diesel Range Organics (DRO)	72	9.9	mg/Kg	1	4/26/2017 11:56:01 AM	31426
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	4/26/2017 11:56:01 AM	31426
Surr: DNOP	107	70-130	%Rec	1	4/26/2017 11:56:01 AM	31426
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	4/26/2017 11:19:02 AM	SG42379
Surr: BFB	100	54-150	%Rec	5	4/26/2017 11:19:02 AM	SG42379
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.091	mg/Kg	5	4/26/2017 11:19:02 AM	B42379
Toluene	ND	0.18	mg/Kg	5	4/26/2017 11:19:02 AM	B42379
Ethylbenzene	ND	0.18	mg/Kg	5	4/26/2017 11:19:02 AM	B42379
Xylenes, Total	ND	0.36	mg/Kg	5	4/26/2017 11:19:02 AM	B42379
Surr: 4-Bromofluorobenzene	111	66.6-132	%Rec	5	4/26/2017 11:19:02 AM	B42379

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 3 of 12 J
- Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1704B31

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

1704B31-004

Client Sample ID: TSP-4

Project: State Com H9

Lab ID:

Collection Date: 4/25/2017 1:19:00 PM Matrix: MEOH (SOIL) Received Date: 4/26/2017 7:00:00 AM

Analyses	Result	PQL Qua	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	30	mg/Kg	20	4/26/2017 12:09:03 PM	31436
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANIC	S			Analyst	TOM
Diesel Range Organics (DRO)	96	9.6	mg/Kg	1	4/26/2017 12:17:45 PM	31426
Motor Oil Range Organics (MRO)	57	48	mg/Kg	1	4/26/2017 12:17:45 PM	31426
Surr: DNOP	103	70-130	%Rec	1	4/26/2017 12:17:45 PM	31426
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	19	mg/Kg	5	4/26/2017 11:43:02 AM	SG42379
Surr: BFB	103	5 4 -150	%Rec	5	4/26/2017 11:43:02 AM	SG42379
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.096	mg/Kg	5	4/26/2017 11:43:02 AM	B42379
Toluene	ND	0.19	mg/Kg	5	4/26/2017 11:43:02 AM	B42379
Ethylbenzene	ND	0.19	mg/Kg	5	4/26/2017 11:43:02 AM	B42379
Xylenes, Total	ND	0.38	mg/Kg	5	4/26/2017 11:43:02 AM	B42379
Surr: 4-Bromofluorobenzene	114	66.6-132	%Rec	5	4/26/2017 11:43:02 AM	B42379

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 4 of 12 J
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1704B31

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: TSP-5

Project:

State Com H9

Collection Date: 4/25/2017 1:22:00 PM

Lab ID: 17

1704B31-005

Matrix: MEOH (SOIL)

Received Date: 4/26/2017 7:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	30	mg/Kg	20	4/26/2017 12:46:17 PM	31436
EPA METHOD 8015M/D: DIESEL RAN	NGE ORGANICS	3			Analyst:	TOM
Diesel Range Organics (DRO)	34	9.6	mg/Kg	1	4/26/2017 12:39:43 PM	31426
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/26/2017 12:39:43 PM	31426
Surr: DNOP	101	70-130	%Rec	1	4/26/2017 12:39:43 PM	31426
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	19	mg/Kg	5	4/26/2017 12:07:13 PM	SG4237
Surr: BFB	99.5	54-150	%Rec	5	4/26/2017 12:07:13 PM	SG4237
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.093	mg/Kg	5	4/26/2017 12:07:13 PM	B42379
Toluene	ND	0.19	mg/Kg	5	4/26/2017 12:07:13 PM	B42379
Ethylbenzene	ND	0.19	mg/Kg	5	4/26/2017 12:07:13 PM	B42379
Xylenes, Total	ND	0.37	mg/Kg	5	4/26/2017 12:07:13 PM	B42379
Surr: 4-Bromofluorobenzene	108	66.6-132	%Rec	5	4/26/2017 12:07:13 PM	B42379

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 5 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1704B31

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: TSP-6

Project:

State Com H9

Collection Date: 4/25/2017 1:25:00 PM

Lab ID: 1704B31-006

Matrix: MEOH (SOIL) Received

Received Date: 4/26/2017 7:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	ND	30	mg/Kg	20	4/26/2017 12:58:41 PM	31436
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	S			Analyst	: TOM
Diesel Range Organics (DRO)	60	9.6	mg/Kg	1	4/26/2017 1:01:39 PM	31426
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/26/2017 1:01:39 PM	31426
Surr: DNOP	103	70-130	%Rec	1	4/26/2017 1:01:39 PM	31426
EPA METHOD 8015D: GASOLINE RAN	NGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	17	mg/Kg	5	4/26/2017 12:31:27 PM	SG4237
Surr: BFB	99.8	54-150	%Rec	5	4/26/2017 12:31:27 PM	SG4237
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.085	mg/Kg	5	4/26/2017 12:31:27 PM	B42379
Toluene	ND	0.17	mg/Kg	5	4/26/2017 12:31:27 PM	B42379
Ethylbenzene	ND	0.17	mg/Kg	5	4/26/2017 12:31:27 PM	B42379
Xylenes, Total	ND	0.34	mg/Kg	5	4/26/2017 12:31:27 PM	B42379
Surr: 4-Bromofluorobenzene	107	66.6-132	%Rec	5	4/26/2017 12:31:27 PM	B42379

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

- 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
- $R \quad \ \ RPD \ outside \ accepted \ recovery \ limits$
- 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 Page 6 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1704B31

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

State Com H9

Lab ID: 1704B31-007

Project:

Client Sample ID: TSP-7

Collection Date: 4/25/2017 1:28:00 PM

Matrix: MEOH (SOIL) Received Date: 4/26/2017 7:00:00 AM

Analyses	Result PQL Qual Units		DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	: MRA
Chloride	ND	30	mg/Kg	20	4/26/2017 1:11:06 PM	31436
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	8			Analys	:: TOM
Diesel Range Organics (DRO)	73	9.6	mg/Kg	1	4/26/2017 1:23:41 PM	31426
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/26/2017 1:23:41 PM	31426
Surr: DNOP	103	70-130	%Rec	1	4/26/2017 1:23:41 PM	31426
EPA METHOD 8015D: GASOLINE RANG	GE .				Analys	:: NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	4/26/2017 12:55:38 PM	SG42379
Surr: BFB	99.9	54 -150	%Rec	5	4/26/2017 12:55:38 PM	SG42379
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.089	mg/Kg	5	4/26/2017 12:55:38 PM	B42379
Toluene	ND	0.18	mg/Kg	5	4/26/2017 12:55:38 PM	B42379
Ethylbenzene	ND	0.18	mg/Kg	5	4/26/2017 12:55:38 PM	B42379
Xylenes, Total	ND	0.36	mg/Kg	5	4/26/2017 12:55:38 PM	B42379
Surr: 4-Bromofluorobenzene	110	66.6-132	%Rec	5	4/26/2017 12:55:38 PM	B42379

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range Е
- Analyte detected below quantitation limits Page 7 of 12
- Sample pH Not In Range
- Reporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1704B31

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: TSP-8

Project:

State Com H9

Collection Date: 4/25/2017 1:31:00 PM

Lab ID:

1704B31-008

Matrix: MEOH (SOIL) Received Date: 4/26/2017 7:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	ND	30	mg/Kg	20	4/26/2017 1:23:31 PM	31436
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	S			Analys	t: TOM
Diesel Range Organics (DRO)	49	9.9	mg/Kg	1	4/26/2017 1:45:40 PM	31426
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/26/2017 1:45:40 PM	31426
Surr: DNOP	102	70-130	%Rec	1	4/26/2017 1:45:40 PM	31426
EPA METHOD 8015D: GASOLINE RAI	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	4/26/2017 1:19:45 PM	SG4237
Surr: BFB	96.9	54-150	%Rec	5	4/26/2017 1:19:45 PM	SG4237
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.091	mg/Kg	5	4/26/2017 1:19:45 PM	B42379
Toluene	ND	0.18	mg/Kg	5	4/26/2017 1:19:45 PM	B42379
Ethylbenzene	ND	0.18	mg/Kg	5	4/26/2017 1:19:45 PM	B42379
Xylenes, Total	ND	0.36	mg/Kg	5	4/26/2017 1:19:45 PM	B42379
Surr: 4-Bromofluorobenzene	106	66.6-132	%Rec	5	4/26/2017 1:19:45 PM	B42379

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 8 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704B31

28-Apr-17

Client:

Blagg Engineering

Project:

State Com H9

Sample ID MB-31436

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 31436

RunNo: 42382

Prep Date: 4/26/2017

Analysis Date: 4/26/2017

SeqNo: 1332968

Units: mg/Kg

Analyte Chloride

Result ND **PQL** SPK value SPK Ref Val %REC LowLimit 1.5

HighLimit

%RPD

RPDLimit

Qual

Sample ID LCS-31436

Batch ID: 31436

RunNo: 42382

TestCode: EPA Method 300.0: Anions

LowLimit

Units: mg/Kg

Client ID: Prep Date: 4/26/2017

LCSS

SampType: Ics

Analysis Date: 4/26/2017

SeqNo: 1332969

RPDLimit

PQL

15.00

Analyte

14

SPK value SPK Ref Val %REC

%RPD

Qual

Chloride

110

1.5

92.9

HighLimit

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Page 9 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704B31

28-Apr-17

Client:

Blagg Engineering

Project: State Co	om H9								
Sample ID LCS-31426	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Org	ganics					
Client ID: LCSS	Batch ID: 31426	RunNo: 42362							
Prep Date: 4/26/2017	Analysis Date: 4/26/2017	SeqNo: 1331951	Units: mg/Kg						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RP	'DLimit Qual					
Diesel Range Organics (DRO)	48 10 50.00	0 95.8 63.8	116						
Surr: DNOP	4.7 5.000	93.5 70	130						
Sample ID MB-31426	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Org	ganics					
Client ID: PBS	Batch ID: 31426	RunNo: 42362							
Prep Date: 4/26/2017	Analysis Date: 4/26/2017	SeqNo: 1331952	Units: mg/Kg						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RP	DLimit Qual					
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 9.8 10.00	98.2 70	130						
- Guil. DNOI	3.0								
Sample ID LCS-31439	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 31439	RunNo: 42363							
Prep Date: 4/26/2017	Analysis Date: 4/26/2017	SeqNo: 1332305	Units: %Rec						
Analyte		SPK Ref Val %REC LowLimit		DLimit Qual					
Surr: DNOP	4.3 5.000	86.0 70	130						
Sample ID MB-31439	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Org	ganics					
Client ID: PBS	Batch ID: 31439	RunNo: 42363							
Prep Date: 4/26/2017	Analysis Date: 4/26/2017	SeqNo: 1332306	Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RP	DLimit Qual					
Surr: DNOP	8.1 10.00	80.6 70	130						
Sample ID LCS-31410	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Org	ganics					
Client ID: LCSS	Batch ID: 31410	RunNo: 42363							
Prep Date: 4/25/2017	Analysis Date: 4/26/2017	SeqNo: 1332922	Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RP	DLimit Qual					
Surr: DNOP	4.5 5.000	89.5 70	130						
Sample ID MB-31410	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Org	ganics					
Client ID: PBS	Batch ID: 31410	Batch ID: 31410 RunNo: 42363							
Prep Date: 4/25/2017	Analysis Date: 4/26/2017	SeqNo: 1332923	Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RP	DLimit Qual					
				· · · · · · · · · · · · · · · · · · ·					

Qualifiers:

Surr: DNOP

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

8.2

10.00

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

70

130

E Value above quantitation range

81.8

J Analyte detected below quantitation limits

Page 10 of 12

Sample pH Not In Range

RLReporting Detection Limit

Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704B31

28-Apr-17

Client:

Blagg Engineering

Project:

State Com H9

Sample ID RB

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client ID:

Batch ID: SG42379

RunNo: 42379

Prep Date:

Analyte

Surr: BFB

Analysis Date: 4/26/2017

%REC

Result **PQL** SeqNo: 1332720

LowLimit

54

Units: mg/Kg

150

HighLimit

RPDLimit

Qual

Gasoline Range Organics (GRO)

ND 1000

1000

SPK value SPK Ref Val

101

%RPD

Sample ID 2.5UG GRO LCS

PBS

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS

Batch ID: SG42379

5.0

5.0

RunNo: 42379

Prep Date:

Analysis Date: 4/26/2017

SeqNo: 1332721

Units: mg/Kg

Analyte Gasoline Range Organics (GRO) Result **PQL** 25

25.00

98.7

%REC

0

76.4

HighLimit 125

%RPD

RPDLimit Qual

Surr: BFB

1200

1000

SPK value SPK Ref Val

116

54

LowLimit

150

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits

Page 11 of 12

- Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704B31

28-Apr-17

Client:

Blagg Engineering

Project:

State Com H9

Sample ID RB

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Client ID: PBS

Batch ID: **B42379**

0.10

RunNo: 42379

SPK value SPK Ref Val %REC LowLimit

Prep Date:

Analysis Date: 4/26/2017

SeqNo: 1332736

Units: mg/Kg

HighLimit

%RPD

%RPD

RPDLimit

RPDLimit

Qual

Qual

Analyte Benzene Toluene

Ethylbenzene

Prep Date:

Result **PQL** ND 0.025 ND 0.050 ND 0.050

Xylenes, Total Surr: 4-Bromofluorobenzene ND 1.1

1.000

112

66.6

TestCode: EPA Method 8021B: Volatiles

132

Sample ID 100NG BTEX LCS Client ID: LCSS

SampType: LCS Batch ID: **B42379**

RunNo: 42379

Analysis Date: 4/26/2017

SeqNo: 1332737

Units: mg/Kg

1 '	•						•
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit
Benzene	0.90	0.025	1.000	0	90.5	80	120
Toluene	0.92	0.050	1.000	0	91.6	80	120
Ethylbenzene	0.92	0.050	1.000	0	92.3	80	120
Xylenes, Total	2.8	0.10	3.000	0	93.9	80	120
Surr: 4-Bromofluorobenzene	1.1		1.000		110	66.6	132

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- J
- Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

E Value above quantitation range

Analyte detected below quantitation limits

Page 12 of 12



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

LABORATORY		Website: www.hai	llenviro	ımenic	il.com		
Client Name: BLAGG	Wo	ork Order Number:	1704E	31		Rcp	No: 1
Received By: Sophia Ca	mpuzano 4/26/	2017 7:00:00 AM	٠		Soften Campa	_	
Completed By: Lindsay M Reviewed By: ENM		2017 7:43:48 AM 【26/17			Je Syllings)	
Chain of Custody							
Custody seals intact on sa	amnia hottias?	ű.	Yes	П	No 🗆	Not Present	
2. Is Chain of Custody comp			Yes		No 🗆	Not Present	
3. How was the sample deliv			Court				
<u>Log in</u>							
4. Was an attempt made to	cool the samples?		Yes	V	No 🗆	NA	
5. Were all samples received	d at a temperature of >0	° C to 6.0°C	Yes	~	No 🗆	NA [
6. Sample(s) in proper conta	ainer(s)?		Yes	~	No 🗆		
7. Sufficient sample volume	for indicated test(s)?		Yes	V	No 🗆		
8. Are samples (except VOA	and ONG) properly pres	served?	Yes	\mathbf{V}	No 🗌		
9. Was preservative added to	o bottles?		Yes		No 🗹	NA	
10.VOA vials have zero head	space?		Yes		No 🗆	No VOA Vials	✓
11. Were any sample contain	ers received broken?		Yes	LJ	No 🗹	# of preserved bottles checked	•
12. Does paperwork match bo (Note discrepancies on ch			Yes	V	No 🗆	for pH:	(<2 or >12 unless noted)
13. Are matrices correctly iden		dy?	Yes	\checkmark	No 🗆	Adjusted	
14. Is it clear what analyses w			Yes	Y	No 🗆		
15. Were all holding times abl			Yes	Ø	No 🗀	Checked I	oy:
Special Handling (If apr 16. Was client notified of all di		ler?	Yes		No 🗆	NA	☑
Person Notified:		Date:					
By Whom:		Via:	eMa	· []	Phone Fax	☐ In Person	
Regarding:							
Client Instructions:					 		-
17. Additional remarks:	<u></u>	· · · · · · · · · · · · · · · · · · ·					
18. Cooler Information	Condition to best here	فالأراء فالقوطانية	Sac 5-	egiti.L	or kiji i paralit od	l	·
Cooler No Temp ℃ 1 3.4	Condition Seal Inta	ct Seal No S	ieai 'Da	()	Signed By		
Ľ	1.00						

Client:	DI AMBRICA			Turn-Around		Same Day														ΓAL OR'	
Mailing	B _C A _d Address	6 En	glacerty INC.	Project Name				4 94	01 H	,	www	.hali	lenv	ironr	nent	al.co	om			JIC	•
Phone	#: (50	5) 32	20 - 1103	Project #:			4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request														
email o	r Fax#: Package:		☐ Level 4 (Full Validation)	Project Manager: J. Bu466			s (8021)	+ TPH (Gas only)	(O / MRO)			SIMS)		PO ₄ ,SO ₄)	PCB's						
Accredi	Accreditation □ NELAP □ Other □ EDD (Type)		er	Sampler: J. Bulbb On Bulbb		1	E + TPH (SRO / DR	418.1)	504.1)	or 8270 S	lls	VO ₃ ,NO ₂ ,	es / 8082		OA)				(or N)	
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		BTEX + MERE	BTEX + MTBE	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	CHLORADE			Air Bubbles (Y or N)
1/25/17	1310	SOIL	TSP-1	400×1	COOL	7001	X		χ	寸		_						х			十
1	1313		TSP-Z		1	-002	1		ī												T
	1316		T3P-3			-003					\neg							\prod			\top
	1319		TSP-4			-2004															
	1322		T3P-5			-003												\prod			T
	1325		T3P-6			Olo															\perp
	1328		TSP-7			-2007															
	1331	,	T3P-8	'		~00%			1			_									
				<u> </u>	ļ						_	_			_	_					<u> </u>
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											_					<u> </u>		<u> </u>		\vdash	_
Date: 23/1-7	Time: 1553 Time:	Relinquish	/ Elyy	Received by: Received by:	hkels	Date Time John 1553 Date Time	Ren	nark:		Sile ID:			EE)	BS	Cen O P	Hair Le	 - 	 512	ue ,	Mask	<u> </u>
4	1847	South Cyro 04/26/17 0700 Samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this po					s possit	Dility.	4 phy Any su	5 7 1b-cont	7 Edited	data	e will be	ران dearl	44 y nota		12 n the s	<u>O a</u>	cal rep	 ort.	



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 1704C05

April 28, 2017

Jeff Blagg Blagg Engineering P. O. Box 87 Bloomfield, NM 87413 TEL: FAX

RE: State Com H 9

Dear Jeff Blagg:

Hall Environmental Analysis Laboratory received 2 sample(s) on 4/27/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1704C05

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Project: State Com H 9

Lab ID:

1704C05-001

Client Sample ID: TSP-2R

Collection Date: 4/26/2017 3:50:00 PM

Matrix: MEOH (SOIL) Received Date: 4/27/2017 7:00:00 AM

Analyses	Result	Result PQL Qual Units			Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	30	mg/Kg	20	4/27/2017 11:43:50 AM	31463
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANIC	S			Analyst	TOM
Diesel Range Organics (DRO)	49	9.4	mg/Kg	1	4/27/2017 9:02:47 AM	31461
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	4/27/2017 9:02:47 AM	31461
Surr: DNOP	86.1	70-130	%Rec	1	4/27/2017 9:02:47 AM	31461
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	4/27/2017 10:52:27 AM	G42416
Surr: BFB	120	54-150	%Rec	1	4/27/2017 10:52:27 AM	G42416
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.018	mg/Kg	1	4/27/2017 10:52:27 AM	B42416
Toluene	ND	0.035	mg/Kg	1	4/27/2017 10:52:27 AM	B42416
Ethylbenzene	ND	0.035	mg/Kg	1	4/27/2017 10:52:27 AM	B42416
Xylenes, Total	ND	0.070	mg/Kg	1	4/27/2017 10:52:27 AM	B42416
Surr: 4-Bromofluorobenzene	119	66.6-132	%Rec	1	4/27/2017 10:52:27 AM	B42416

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 6 J
- Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1704C05

Date Reported: 4/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Project:

Lab ID:

State Com H 9

1704C05-002

Client Sample ID: TSP-4R

Collection Date: 4/26/2017 4:00:00 PM

Matrix: MEOH (SOIL) Received Date: 4/27/2017 7:00:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: MRA
Chloride	ND	30	mg/Kg	20	4/27/2017 11:56:14 AM	31463
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANIC	S			Analyst	: TOM
Diesel Range Organics (DRO)	34	9.3	mg/Kg	1	4/27/2017 9:30:04 AM	31461
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	4/27/2017 9:30:04 AM	31461
Surr: DNOP	86.7	70-130	%Rec	1	4/27/2017 9:30:04 AM	31461
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	4/27/2017 11:16:38 AM	G42416
Surr: BFB	117	54-150	%Rec	1	4/27/2017 11:16:38 AM	G42416
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	4/27/2017 11:16:38 AM	B42416
Toluene	ND	0.035	mg/Kg	1	4/27/2017 11:16:38 AM	B42416
Ethylbenzene	ND	0.035	mg/Kg	1	4/27/2017 11:16:38 AM	B42416
Xylenes, Total	ND	0.070	mg/Kg	1	4/27/2017 11:16:38 AM	B42416
Surr: 4-Bromofluorobenzene	114	66.6-132	%Rec	1	4/27/2017 11:16:38 AM	B42416

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 2 of 6
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704C05

28-Apr-17

Client:

Blagg Engineering

Project:

State Com H 9

Sample ID MB-31463

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 31463

RunNo: 42410

Prep Date: 4/27/2017

Analysis Date: 4/27/2017

SeqNo: 1333834

Units: mg/Kg

Analyte

Result PQL SPK value SPK Ref Val %REC LowLimit **HighLimit**

%RPD **RPDLimit** Qual

Chloride

ND 1.5

Sample ID LCS-31463

SampType: Ics Batch ID: 31463 TestCode: EPA Method 300.0: Anions

RunNo: 42410

Client ID: LCSS Prep Date: 4/27/2017

Analysis Date: 4/27/2017

SeqNo: 1333835

Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC

HighLimit

%RPD **RPDLimit** Qual

110

LowLimit 15.00 96.5 90 Chloride 14 1.5 0

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Ε Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RLReporting Detection Limit

Sample container temperature is out of limit as specified

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704C05

28-Apr-17

Client:

Blagg Engineering

Project:

State Com H 9

Sample ID LCS-31461	SampType: LCS TestCode: EPA Method						d 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch	ID: 31 4	461	F	2401											
Prep Date: 4/27/2017	Analysis Da	te: 4/	27/2017	8	SeqNo: 1	333045	Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual						
Diesel Range Organics (DRO)	48	10	50.00	0	95.0	63.8	116									
Surr: DNOP	4.2		5.000		85.0	70	130									
Sample ID MB-31461	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics														
Client ID: PBS	Batch I	ID: 31 4	461	F	RunNo: 4											
Prep Date: 4/27/2017	Analysis Da	te: 4/	27/2017	8	SeqNo: 1	333046	Units: mg/h	(g								
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									
Sample ID LCS-31456	SampTy	pe: LC	s	Tes	tCode: El	PA Method	8015M/D: DI	esel Rang	e Organics	<u> </u>						
Client ID: LCSS Batch ID: 31456				RunNo: 42401												

Sample ID LCS-31456	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Org	anics					
Client ID: LCSS	Batch ID: 31456	RunNo: 42401							
Prep Date: 4/26/2017	rep Date: 4/26/2017 Analysis Date: 4/27/2017		Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPI	DLimit Qual					
Surr: DNOP	4.8 5.000	95.7 70	130						

Sample ID MB-31456	SampType: MI	BLK	Tes	stCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 31	F	RunNo: 4	2401									
Prep Date: 4/26/2017	Analysis Date: 4/	9	SeqNo: 1	333966	Units: %Red								
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Surr: DNOP	11	10.00	_	107	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

R RPD outside accepted recovery limits

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

Page 4 of 6

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1704C05

28-Apr-17

Client:

Blagg Engineering

Project:

State Com H 9

Sample ID RB

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS

Batch ID: **G42416**

RunNo: 42416

Prep Date:

Analysis Date: 4/27/2017

Units: mg/Kg

Result PQL SeqNo: 1333745

Analyte Gasoline Range Organics (GRO)

ND 1200

1000

SPK value SPK Ref Val

SPK value SPK Ref Val

0

%REC LowLimit HighLimit

%RPD **RPDLimit** Qual

Surr: BFB Sample ID 2.5UG GRO LCS

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

%RPD

Client ID: LCSS

Batch ID: G42416

RunNo: 42416

116

%REC

Units: mg/Kg

150

Prep Date:

Analysis Date: 4/27/2017

PQL

5.0

5.0

SeqNo: 1333746

HighLimit

RPDLimit Qual

Analyte Gasoline Range Organi⇔ (GRO) Surr: BFB

26 1200

Result

25.00 1000

103 115

76.4 54

LowLimit

54

125 150

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Page 5 of 6

Qualifiers:

Н

ND

R

Hall Environmental Analysis Laboratory, Inc.

WO#:

RPDLimit

RPDLimit

1704C05

28-Apr-17

Qual

Qual

Client:

Blagg Engineering

Project:

State Com H 9

Sample ID RB Client ID: PBS Prep Date:

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Batch ID: **B42416**

RunNo: 42416

128

Analysis Date: 4/27/2017

SeqNo: 1333768 Units: mg/Kg

HighLimit

132

%RPD

%RPD

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit ND 0.025 Benzene Toluene ND 0.050 ND 0.050 Ethylbenzene Xylenes, Total ND 0.10 1.3

Surr: 4-Bromofluorobenzene

Client ID:

Prep Date:

Sample ID 100NG BTEX LCS

LCSS

SampType: LCS

66.6 TestCode: EPA Method 8021B: Volatiles

RunNo: 42416

Batch ID: **B42416** Analysis Date: 4/27/2017

SeqNo: 1333819 Units: mg/Kg

PQL SPK value SPK Ref Val %REC Analyte Result LowLimit HighLimit Benzene 0.94 0.025 1.000 0 93.7 80 120 Toluene 0.95 0.050 1.000 0 94.9 80 120 Ethylbenzene 0.95 0.050 1.000 0 95.4 80 120 Xylenes, Total 3.000 0 2.9 0.10 96.7 80 120 Surr: 4-Bromofluorobenzene 1.2 1.000 119 66.6 132

1.000

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range E
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Detection Limit RL Sample container temperature is out of limit as specified

Page 6 of 6



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

2. Is Chain of Custody complete? 3. How was the sample delivered? Log In 4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 6.0°C 6. Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	Yes 🖸 Yes 💆 Courier Yes 💆 Yes 🗹	Syphia Carponia Shift Magao NO NO	Not Present ☑ Not Present ☐	
Chain of Custody 1. Custody seals intact on sample bottles? 2. Is Chain of Custody complete? 3. How was the sample delivered? Log in 4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 6.0°C 6. Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	Yes 🗹 Courier Yes 💆	No []	Not Present ☐	
Chain of Custody 1. Custody seals intact on sample bottles? 2. Is Chain of Custody complete? 3. How was the sample delivered? Log in 4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 6.0°C 6. Sample(s) In proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	Yes 🗹 Courier Yes 💆	No □ .	Not Present ☐	
1. Custody seals Intact on sample bottles? 2. Is Chain of Custody complete? 3. How was the sample delivered? Log In 4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 6.0°C 6. Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	Yes 🗹 Courier Yes 💆	No □ .	Not Present ☐	
2. Is Chain of Custody complete? 3. How was the sample delivered? Log In 4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 6.0°C 6. Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	Yes 🗹 Courier Yes 💆	No □ .	Not Present ☐	
3. How was the sample delivered? Log In 4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 6.0°C 6. Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	Courier Yes 🗹	N o □	na 🗀	
Log In 4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 6.0°C 6. Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	Yes ☑ ∕es ☑	·	_	
4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 8.0°C 6. Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	∕es 🗹	·	_	
 5. Were all samples received at a temperature of >0° C to 6.0°C 6. Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles? 10.VOA vials have zero headspace? 	∕es 🗹	·	_	
6. Sample(s) In proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?		No 🗆	_	
7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles?	Yes 🗹		NA 🗔	
8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles? 10.VOA vials have zero headspace?		No 🗆		
9. Was preservative added to bottles? 10.VOA vials have zero headspace?	Yes 🗹	No 🗆		
10.VOA vials have zero headspace?	Yes 🔛	No 🗔		
	Yes 🛄	No 🗹	NA []	
11. Were any sample containers received broken?	res 🗌	No 🗔	No VOA Vials 🗹	
•	Yes 🗆	No 🗹	# of preserved	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗹	No □	bottles checked for pH:	 2 unless noted)
	res 😧	No 🗆	Adjusted?	
14. Is it clear what analyses were requested?	Yes 🗹	No 🗀		
15. Were all holding times able to be met? (If no, notify customer for authorization.)	res 🗹	No []	Checked by:	
Special Handling (if applicable)	•			
16. Was client notified of all discrepancies with this order?	res 🛄	No 🗀	na 🗹	
Person Notified: Date:		VI-Q-13-13-13-13-13-13-13-13-13-13-13-13-13-		
By Whom: Via:	eMail [Phone Fax	In Person	
Regarding:				
Client Instructions:	<u> </u>	<u> </u>		
17. Additional remarks:			الدائد الدائد المستحد	
18. Cooler Information	ا در چ:	ti maa in vaan set		
	al Date	Signed By		
1 4.6 Good Yes	7.7 777	L		

C	hain	-of-Cu	stody Record	Turn-Around	Time:	SAME															
Client: BP AMERICA				□ Standard	K Rush	DAI			片						_				NT \TC		
BLAGG ENGWEETY INC.			Project Name):		1												,	<i>,</i> , ,	•	
Mailing Address:			STATE COM H9				www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109														
-				Project #:			Tel. 505-345-3975 Fax 505-345-4107														
Phone #: (505) 320 - 1183				<u> </u>			Analysis Request														
email o	r Fax#:			Project Mana	ger:		1)	nly)	30)	Ī			$\exists i$	3							\Box
QA/QC Package: Standard Level 4 (Full Validation)			J. BLAGO				(Gas o	RO / ME			SIMS)		PO4,S(PCB's							
Accredi		- 0"		Sampler:			MIRE : TMB's (8021)	표	70	=		8270 S		Š	8082					ŀ	9
O NEL		□ Othe	er			TI-No	 	$\left[\cdot \right]$	8	418	及	8	<u>"</u>	္ကို	78		8				ō
□ EDD	(Type) ₋	ſ	<u> </u>	Sample	eawre: ५,			1 <u>8</u>	B (6	ğ	질	5	etal	<u>-</u>	흥	3	[]	3			\\ \s
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO	BTEX + M	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or	RCRA 8 Metals	Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	CHUMPE			Air Bubbles (Y or N)
1/26/17	1550	SOIL	TSP-ZR	402 21	Carl	- QD 1	X		X									\mathbf{x}		十	
1(1600	ц	TSP-4R	11	11	-002	X		X					\perp				X			
											ŀ			_					\bot	\perp	
						•	<u> </u>					_		4	_	_		\square	\dashv	\bot	_
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				ļ			-			-	\dashv	-	+	\dashv	4			\vdash	\dashv	+	+
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					<u> </u>		╁╌		Н	\dashv	+	+	+	\dashv	ᅥ			\dashv	\dashv	+	+
							 			\Box	1	\exists	1		1				十	\top	71
											Ī										
																			\Box	\prod	
Date:	Time:	Relinguish	1 Blegg	Received by:	hbete	Date Time 4/26/2017 1700	Rer	nark		Bu. ID:							SH	PVC	140	sec (
. 11		Reinquish	ed by:	Received by:		Date Time	1														
1/20/17	1813	1400	twelstally_	Sophi C	77	04/27/17 0700) >			74)ح				
Н	f necessary,	simples sub	mitted to Hall Environmental may be subc	contracted to other a	ccredited laboratoric	es. This serves as notice of thi	s possi	bility.	Any su	rb-contr	racted	data w	di be c	dearty	y notal	ted on	the a	nalytic	ıl repor	L	,