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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.

Santa	re, NM 87505							
Release Notification	on and Corrective Action	1						
	OPERATOR	🗌 Initial Report 🛛 Final Report						
Name of Company: BP America Production Co.	Contact: Steve Moskal							
Address: 380 Airport Rd., Durango, CO 81303	Telephone No.: 505-330-9179							
Facility Name: Gallegos Canyon Unit 042	Facility Type: Water Disposal We	911						
Surface Owner: Fee Mineral Owner	: Federal	API No. 3004507557						
LOCATIO	ON OF RELEASE							
Unit LetterSectionTownshipRangeFeet from theNorthN1228N13W990South		West Line County: San Juan						
Latitude <u>36.67275°</u>	Longitude							
NATUR	E OF RELEASE							
Type of Release: produced water	Volume of Release: 14 bbl	Volume Recovered: 0 bbls						
Source of Release: Packing leak on rod pump	Date and Hour of Occurrence:	Date and Hour of Discovery:						
	unknown	1/16/2018;11:00 AM						
Was Immediate Notice Given?	If YES, To Whom?	And the Special Sectors						
By Whom? Steve Moskal	Date and Hour:	NMOCD						
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	ercourse.						
Yes 🛛 No		JUL 2 6 2018						
If a Watercourse was Impacted, Describe Fully.*		DISTRICT III						
Describe Cause of Problem and Remedial Action Taken.* Packing on re								
of impacts was measured to determine the discharge volume. The well	was shut in and the packing replaced. T	he impacted soil was raked in and sampled.						
Sample results indicated further remediation is required.								
Describe Area Affected and Cleanup Action Taken.* The soil samples i								
Delineation or remediation will be performed at a later date. Laboratory								
impacts. The excavated area sampled to ensure removal of impacts to c lined, bermed, area on the location and a gypsum amendment added wit								
remediation with results below the spill and release guidelines. The so								
further action.	i was thin spread on site and the inter re							
I hereby certify that the information given above is true and complete to	the best of my lengulades and understa	and that murgurent to NMOCD rules and						
regulations all operators are required to report and/or file certain release								
public health or the environment. The acceptance of a C-141 report by								
should their operations have failed to adequately investigate and remedi	ate contamination that pose a threat to g	round water, surface water, human health						
or the environment. In addition, NMOCD acceptance of a C-141 report federal, state, or local laws and/or regulations.	does not relieve the operator of respons	sibility for compliance with any other						
rederal, state, or local laws and/or regulations.	OIL CONSERV	ATION DIVISION						
Signature: Mars Mun	OIL CONSERVATION DIVISION							
Signature:								
Printed Name: Steve Moskal	Approved by Environmental Specialis	st:						
Title: Field Environmental Coordinator	Approval Date: 30/2018	Expiration Date:						
E-mail Address: steven.moskal@bpx.com	Conditions of Approval:	Attached						
Date: July 25, 2018 Phone: 505-330-9179								
* Attach Additional Sheets If Necessary								

\* Attach Additional Sheets If Necessary

NCS 1803732121



GCU 42 Remedial Excavation Looking West April 3, 2018

X = Composite Sample Points





BP AMERICA PRODUCTION COMPANY GALLEGOS CANYON UNIT 042 API 3004507557 LEASE NMSF078807A 990 FSL 1650 FWL (N) SEC 12 T28N R13W San Juan County ELEV 5582 LAT 36° 40' 19.632" LONG 108° 10' 23.916"

the start of





April 05, 2018

Jeff Blagg Blagg Engineering P. O. Box 87 Bloomfield, NM 87413 TEL: (505) 632-1199 FAX (505) 632-3903

RE: GCU 42

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

OrderNo.: 1804128

Dear Jeff Blagg:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/4/2018 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 <u>www.hallenvironmental.com</u> 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,

and

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

<b>Analytical Report</b>
Lab Order 1804128
Date Reported: 4/5/2018

#### Hall Environmental Analysis Laboratory, Inc.

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#### **CLIENT:** Blagg Engineering Client Sample ID: EXCAVATION 7-pt COMP (6"-**Project:** GCU 42 Collection Date: 4/3/2018 9:23:00 AM Lab ID: 1804128-001 Matrix: SOIL Received Date: 4/4/2018 7:40:00 AM Analyses Result **PQL** Qual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 37423 450 30 mg/Kg 20 4/4/2018 11:31:53 AM EPA METHOD 8015D MOD: GASOLINE RANGE Analyst: AG Gasoline Range Organics (GRO) 4/4/2018 10:15:40 AM ND 37399 18 mg/Kg 5 Surr: BFB 108 70-130 %Rec 4/4/2018 10:15:40 AM 37399 5 EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: TOM **Diesel Range Organics (DRO)** ND 9.5 mg/Kg 4/4/2018 10:14:47 AM 37415 1 Motor Oil Range Organics (MRO) ND 4/4/2018 10:14:47 AM 47 mg/Kg 37415 1 5

Surr: DNOP	93.9	70-130	%Rec	1	4/4/2018 10:14:47 AM	37415
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst	AG
Benzene	ND	0.092	mg/Kg	5	4/4/2018 10:15:40 AM	37399
Toluene	ND	0.18	mg/Kg	5	4/4/2018 10:15:40 AM	37399
Ethylbenzene	ND	0.18	mg/Kg	5	4/4/2018 10:15:40 AM	37399
Xylenes, Total	ND	0.37	mg/Kg	5	4/4/2018 10:15:40 AM	37399
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	5	4/4/2018 10:15:40 AM	37399
Surr: Toluene-d8	92.5	70-130	%Rec	5	4/4/2018 10:15:40 AM	37399

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 5
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

**Client: Blagg Engineering** GCU 42 **Project:** 

			of a Way, the offer 17 ages 45 of the barrier of the same specific difference of the	
Sample ID MB-37423	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 37423	RunNo: 50311		
Prep Date: 4/4/2018	Analysis Date: 4/4/2018	SeqNo: 1630654	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID LCS-37423	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID: LCSS	Batch ID: 37423	RunNo: 50311		
Prep Date: 4/4/2018	Analysis Date: 4/4/2018	SeqNo: 1630655	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	15 1.5 15.00	0 97.3 90	110	

**Qualifiers:** 

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

1804128

WO#:

Page 2 of 5

Client: Blagg Engineering

**Project:** 

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GCU 42

Prep Date:         4/2/2018         Analysis Date:         4/3/2018         SeqNo:         1628774         Units:         %Rec           Analyte         Result         PQL         SPK value         SPK Kef Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Surr. DNOP         3.8         5.000         75.4         70         130			
Prep Date:         4/2/2018         Analysis Date:         4/2/2018         SeqNo:         1628774         Units:         %Rec           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Surr. DNOP         3.8         5.000         75.4         70         130	Sample ID LCS-37362	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLinit         HighLinit         %RPD         RPDLinit         Qual           Surr. DNOP         3.8         5.000         75.4         70         130         130           Sample ID         MB-37362         SampType:         MBLK         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Client ID:         PBS         Batch ID:         37362         RunNo:         50269           Prep Date:         4/2/2018         Analysis Date:         4/3/2018         SeqNo:         1628775         Units:         %Rec           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Surr. DNOP         8.9         10.00         89.2         70         130            Gual          Gual          Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual         Gual<	Client ID: LCSS	Batch ID: 37362	RunNo: 50269
Sur: DNOP         3.8         5.000         76.4         70         130           Sample ID         MB-37362         SampType:         MBLK         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Client ID:         PBS         Batch ID:         37362         RunNo:         50269           Prep Date:         4/2/2018         Analysis Date:         4/3/2018         SeqNo:         1628775         Units:         %Rec           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Surr.DNOP         8.9         10.00         89.2         70         130         Surr.DNOP         8.9         10.00         89.2         70         130           Sample ID         LCS-37415         SampType:         LCS         TestCode:         EPA Method 8015M/D: Diesel Range Organics         Cilent 10:         LCSS         Batch ID:         37415         RunNo: 50301         Surr.DNOP         3.7         5.000         7.0         130         Surr.DNOP         3.7         5.000         7.0         130         Surr.DNOP         3.7         5.000         7.0         130         Surr.DNOP         3.7	Prep Date: 4/2/2018	Analysis Date: 4/3/2018	SeqNo: 1628774 Units: %Rec
Sample ID       MB-37362       SampType:       MBLK       TestCode:       EPA Method 8015M/D:       Diesel Range Organics         Client ID:       PBS       Batch ID:       37362       RunNo:       50269         Prep Date:       4/2/2018       Analysis Date:       4/3/2018       SeqNo::       1628775       Units:       %Rec         Analyte       Result       PQL       SPK Kef Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Surr.DNOP       8.9       10.00       89.2       70       130          Qual          Surr.DNOP       8.9       10.00       89.2       70       130          Qual         Qual           Qual         Qual        Qual         Qual          Qual         Qual         Qual              Result       PQL       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual	Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Client ID:         PBS         Batch ID:         37362         RunNo:         50269           Prep Date:         4/2/2018         Analysis Date:         4/3/2018         SeqNo:         1628775         Units:         %Rec           Analyte         Result         PQL         SPK value         SPK Kef Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Sum DNOP         8.9         10.00         89.2         70         130	Surr: DNOP	3.8 5.000	75.4 70 130
Prep Date:       4/2/2018       Analysis Date:       4/3/2018       SeqNo:       1628775       Units:       %Rec         Analyte       Result       PQL       SPK value	Sample ID MB-37362	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Analyte       Result       PQL       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Surr: DNOP       8.9       10.00       89.2       70       130         Sample ID       LCS-37415       SampType: LCS       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       LCSS       Batch ID:       37415       RunNo:       50301         Prep Date:       4/4/2018       Analysis Date:       4/4/2018       SeqNo:       1629965       Units:       mg/Kg         Analyte       Result       PQL       SPK xalue       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Name ID       MB-37415       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics       Client ID:       PSS       Batch ID:       37415       RunNo:       50301         Prep Date:       4/4/2018       SampE VQL       SPK kaft Val       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Sample ID       MB-37415       SampType: KBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics       Glient ID:       Glient ID:	Client ID: PBS	Batch ID: 37362	RunNo: 50269
Surr. DNOP         8.9         10.00         89.2         70         130           Sample ID         LCS-37415         SampType: LCS         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID:         LCSS         Batch ID:         37415         RunNo: 50301           Prep Date:         4/4/2018         Analysis Date:         4/4/2018         SeqNo: 1629965         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Nesel Range Organics (DR0)         51         10         50.00         0         102         70         130           Surr. DNOP         3.7         5.000         74.0         70         130           Sample ID         MB-37415         SampType: MBLK         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID:         PBS         Batch ID:         37415         RunNo: 50301         Prep Date: 4/4/2018         Analysis Date: 4/4/2018         SeqNo: 1629966         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit	Prep Date: 4/2/2018	Analysis Date: 4/3/2018	SeqNo: 1628775 Units: %Rec
Sample ID       LCS       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       LCSS       Batch ID:       37415       RunNo:       50301         Prep Date:       4/4/2018       Analysis Date:       4/4/2018       SeqNo:       1629965       Units:       mg/kg         Analyte       Result       POL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Beel Range Organics (DRO)       51       10       50.00       0       102       70       130         Surr: DNOP       3.7       5.000       74.0       70       130         Sample ID       MB-37415       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37415       RunNo:       50301       Prep Date:       4/4/2018       SeqNo:       1629966       Units:       mg/kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Netor Oli Range Organics (DRO)       ND       10       SeqNo:       1630258       Units: 'wgRec	Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Client ID:       LCSS       Batch ID:       37415       RunNo:       50301         Prep Date:       4/4/2018       Analysis Date:       4/4/2018       SeqNo:       1629965       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Diesel Range Organics (DRO)       51       10       50.00       0       102       70       130         Sample ID       MB-37415       SampType:       MBLK       TestCode:       EPA Method 8015M/D:       Diesel Range Organics         Client ID:       PBS       Batch ID:       37415       RunNo:       50301         Prep Date:       4/4/2018       Analysis Date:       4/4/2018       SeqNo:       1629966       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         No       10       10       10       SocgNo:       10       10       10       10       10       10       10       10       10       10       10       10       10       10       1	Surr: DNOP	8.9 10.00	89.2 70 130
Prep Date:         4/4/2018         Analysis Date:         4/4/2018         SeqNo:         1629965         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Diesel Range Organics (DRO)         51         10         50.00         0         102         70         130           Sum: DNOP         3.7         5.000         74.0         70         130             Sample ID         MB-37415         SampType:         MBLK         TestCode:         EPA Method 8015M/D:         Diesel Range Organics            Client ID:         PBS         Batch ID:         37415         RunNo:         50301              Prep Date:         4/4/2018         Analysis Date:         4/4/2018         SeqNo:         1629966         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Notor Ol Range Organics (DRO)         ND         10          10         0a <td>Sample ID LCS-37415</td> <td>SampType: LCS</td> <td>TestCode: EPA Method 8015M/D: Diesel Range Organics</td>	Sample ID LCS-37415	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Diesel Range Organics (DRO)       51       10       50.00       0       102       70       130         Surr. DNOP       3.7       5.000       74.0       70       130         Sample ID       MB-37415       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37415       RunNo: 50301       Prep Date:       4/4/2018       SeqNo: 1629966       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Diesel Range Organics (DRO)       ND       10       ND       50       Sur: DNOP       9.2       10.00       91.6       70       130         Sample ID       LCS-37405       SampType:       LCS       TestCode:       EPA Method 8015M/D: Diesel Range Organics       Client ID:       Client ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630258 <td>Client ID: LCSS</td> <td>Batch ID: 37415</td> <td>RunNo: 50301</td>	Client ID: LCSS	Batch ID: 37415	RunNo: 50301
Diesel Range Organics (DRO)         51         10         50.00         0         102         70         130           Surr: DNOP         3.7         5.000         74.0         70         130           Sample ID         MB-37415         SampType:         MBLK         TestCode:         EPA Method 8015M/D: Diesel Range Organics           Client ID:         PBS         Batch ID:         37415         RunNo:         50301           Prep Date:         4/4/2018         Analysis Date:         4/4/2018         SeqNo:         1629966         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Diesel Range Organics (DRO)         ND         10         10         130         100	Prep Date: 4/4/2018	Analysis Date: 4/4/2018	SeqNo: 1629965 Units: mg/Kg
Surr: DNOP3.75.0074.070130Sample IDMB-37415SampType:MBLKTestCode:EPA Method8015M/D:Diesel Range OrganicsClient ID:PBSBatch ID:37415RunNo:50301Prep Date:4/4/2018Analysis Date:4/4/2018SeqNo:1629966Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualNetor Oli Range Organics (DRO)ND1010ND50SampType:LCSTestCode:EPA Method8015M/D:Diesel Range OrganicsSample IDLCS-37405SampType:LCSTestCode:EPA Method8015M/D:Diesel Range OrganicsClient ID:LCSSBatch ID:37405RunNo:50301Functional Actional Ac	Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Sample ID       MB-37415       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37415       RunNo:       50301         Prep Date:       4/4/2018       Analysis Date:       4/4/2018       SeqNo:       1629966       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Diesel Range Organics (DRO)       ND       10	Diesel Range Organics (DRO)		
Client ID:       PBS       Batch ID:       37415       RunNo:       50301         Prep Date:       4/4/2018       Analysis Date:       4/4/2018       SeqNo:       1629966       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Jesel Range Organics (DRO)       ND       10	Surr: DNOP	3.7 5.000	74.0 70 130
Prep Date:       4/4/2018       SeqNo:       1629966       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Diesel Range Organics (DRO)       ND       10       ND       50       Sample JD       Sampt System			
Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Diesel Range Organics (DRO)       ND       10	Sample ID MB-37415	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Diesel Range Organics (DRO)       ND       10         Adoro Oil Range Organics (MRO)       ND       50         Surr: DNOP       9.2       10.00       91.6       70       130         Sample ID       LCS-37405       SampType: LCS       TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:       LCSS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630258       Units: %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Sur: DNOP       4.1       5.000       82.1       70       130       30         Sample ID       MB-37405       SampType: MBLK       TestCode: EPA Method 8015M/D: Diesel Range Organics       30         Sample ID       MB-37405       SampType: MBLK       TestCode: EPA Method 8015M/D: Diesel Range Organics       30         String ID       PBS       Batch ID:       37405       RunNo:       50301       30         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630259       Units: %Rec         An			
ND       50         Surr: DNOP       9.2       10.00       91.6       70       130         Sample ID       LCS-37405       SampType: LCS       TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:       LCSS       Batch ID:       37405       RunNo: 50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630258       Units: %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Sur: DNOP       4.1       5.000       82.1       70       130       130         Sample ID       MB-37405       SampType: MBLK       TestCode: EPA Method 8015M/D: Diesel Range Organics       Qual         Sur: DNOP       4.1       5.000       82.1       70       130         Sample ID       MB-37405       SampType: MBLK       TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID: 37405       RunNo: 50301         Prep Date:       4/3/2018       SeqNo: 1630259       Units: %Rec         Analysis Date:       4/4/2018       SeqNo: 1630259       Units: %Rec         Analyte <t< td=""><td></td><td>Batch ID: 37415</td><td>RunNo: <b>50301</b></td></t<>		Batch ID: 37415	RunNo: <b>50301</b>
Surr: DNOP9.210.0091.670130Sample IDLCS-37405SampType: LCSTestCode: EPA Method 8015M/D: Diesel Range OrganicsClient ID:LCSSBatch ID:37405RunNo:50301Prep Date:4/3/2018Analysis Date:4/4/2018SeqNo:1630258Units: %RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSur: DNOP4.15.00082.170130130130Sample IDMB-37405SampType:MBLKTestCode: EPA Method 8015M/D: Diesel Range OrganicsClient ID:PBSBatch ID:37405RunNo:50301Prep Date:4/3/2018Analysis Date:4/4/2018SeqNo:1630259Units: %RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQual	Client ID: PBS	Batch ID: 37415 Analysis Date: 4/4/2018	RunNo: <b>50301</b> SeqNo: <b>1629966</b> Units: <b>mg/Kg</b>
Sample ID       LCS-37405       SampType:       LCS       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       LCSS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630258       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Surr: DNOP       4.1       5.000       82.1       70       130       70       130         Sample ID       MB-37405       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630259       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual	Client ID: <b>PBS</b> Prep Date: <b>4/4/2018</b> Analyte Diesel Range Organics (DRO)	Batch ID: <b>37415</b> Analysis Date: <b>4/4/2018</b> Result PQL SPK value ND 10	RunNo: <b>50301</b> SeqNo: <b>1629966</b> Units: <b>mg/Kg</b>
Client ID:       LCSS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630258       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Surr: DNOP       4.1       5.000       82.1       70       130         Sample ID       MB-37405       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630259       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD RPDLimit       Qual	Client ID: <b>PBS</b> Prep Date: <b>4/4/2018</b> Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch ID: 37415 Analysis Date: 4/4/2018 Result PQL SPK value ND 10 ND 50	RunNo: 50301 SeqNo: 1629966 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630258       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Surr: DNOP       4.1       5.000       82.1       70       130         Sample ID       MB-37405       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630259       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual	Client ID: <b>PBS</b> Prep Date: <b>4/4/2018</b> Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch ID: 37415 Analysis Date: 4/4/2018 Result PQL SPK value ND 10 ND 50	RunNo: 50301 SeqNo: 1629966 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Surr: DNOP       4.1       5.000       82.1       70       130         Sample ID       MB-37405       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630259       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual	Client ID: <b>PBS</b> Prep Date: <b>4/4/2018</b> Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch ID:         37415           Analysis Date:         4/4/2018           Result         PQL         SPK value           ND         10           ND         50           9.2         10.00	RunNo: 50301 SeqNo: 1629966 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 91.6 70 130
Surr: DNOP       4.1       5.000       82.1       70       130         Sample ID       MB-37405       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630259       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual	Client ID: <b>PBS</b> Prep Date: <b>4/4/2018</b> Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP	Batch ID: 37415         Analysis Date:       4/4/2018         Result       PQL       SPK value         ND       10         ND       50         9.2       10.00         SampType:       LCS	RunNo: 50301         SeqNo: 1629966       Units: mg/Kg         SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         91.6       70       130       130       130       130       130         TestCode: EPA Method 8015M/D: Diesel Range Organics
Sample ID       MB-37405       SampType:       MBLK       TestCode:       EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630259       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual	Client ID: <b>PBS</b> Prep Date: <b>4/4/2018</b> Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID <b>LCS-37405</b>	Batch ID: 37415         Analysis Date:       4/4/2018         Result       PQL       SPK value         ND       10         ND       50         9.2       10.00         SampType:       LCS         Batch ID:       37405	RunNo: 50301 SeqNo: 1629966 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 91.6 70 130 TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 50301
Client ID:       PBS       Batch ID:       37405       RunNo:       50301         Prep Date:       4/3/2018       Analysis Date:       4/4/2018       SeqNo:       1630259       Units:       %Rec         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual	Client ID: <b>PBS</b> Prep Date: <b>4/4/2018</b> Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID <b>LCS-37405</b> Client ID: <b>LCSS</b>	Batch ID:       37415         Analysis Date:       4/4/2018         Result       PQL       SPK value         ND       10         ND       50         9.2       10.00         SampType:       LCS         Batch ID:       37405         Analysis Date:       4/4/2018	RunNo: 50301         SeqNo: 1629966       Units: mg/Kg         SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         91.6       70       130       130         TestCode: EPA Method 8015M/D: Diesel Range Organics         RunNo:       50301       SeqNo: 1630258       Units: %Rec
Prep Date:     4/3/2018     Analysis Date:     4/4/2018     SeqNo:     1630259     Units:     %Rec       Analyte     Result     PQL     SPK value     SPK Ref Val     %REC     LowLimit     HighLimit     %RPD     RPDLimit     Qual	Client ID: PBS Prep Date: 4/4/2018 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID LCS-37405 Client ID: LCSS Prep Date: 4/3/2018 Analyte	Batch ID: 37415         Analysis Date:       4/4/2018         Result       PQL       SPK value         ND       10         ND       50         9.2       10.00         SampType:       LCS         Batch ID:       37405         Analysis Date:       4/4/2018         Result       PQL       SPK value	RunNo:       50301         SeqNo:       1629966       Units:       mg/Kg         SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         91.6       70       130
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	Client ID: PBS Prep Date: 4/4/2018 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID LCS-37405 Client ID: LCSS Prep Date: 4/3/2018 Analyte	Batch ID: 37415 Analysis Date: 4/4/2018 Result PQL SPK value ND 10 ND 50 9.2 10.00 SampType: LCS Batch ID: 37405 Analysis Date: 4/4/2018 Result PQL SPK value 4.1 5.000	RunNo:       50301         SeqNo:       1629966       Units:       mg/Kg         SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         91.6       70       130
	Client ID: PBS Prep Date: 4/4/2018 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID LCS-37405 Client ID: LCSS Prep Date: 4/3/2018 Analyte Surr: DNOP Sample ID MB-37405	Batch ID:       37415         Analysis Date:       4/4/2018         Result       PQL       SPK value         ND       10         ND       50         9.2       10.00         SampType:       LCS         Batch ID:       37405         Analysis Date:       4/4/2018         Result       PQL       SPK value         4.1       5.000         SampType:       WBLK	RunNo:       50301         SeqNo:       1629966       Units:       mg/Kg         SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         91.6       70       130
Surr: DNOP 9.2 10.00 92.5 70 130	Client ID: PBS Prep Date: 4/4/2018 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID LCS-37405 Client ID: LCSS Prep Date: 4/3/2018 Analyte Surr: DNOP	Batch ID: 37415         Analysis Date:       4/4/2018         Result       PQL       SPK value         ND       10         ND       50         9.2       10.00         SampType:       LCS         Batch ID:       37405         Analysis Date:       4/4/2018         Result       PQL       SPK value         4.1       5.000         SampType:       MBLK         Batch ID:       37405	RunNo:       50301         SeqNo:       1629966       Units:       mg/Kg         SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         91.6       70       130
	Client ID: PBS Prep Date: 4/4/2018 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID LCS-37405 Client ID: LCSS Prep Date: 4/3/2018 Analyte Surr: DNOP Sample ID MB-37405 Client ID: PBS	Batch ID:       37415         Analysis Date:       4/4/2018         Result       PQL       SPK value         ND       10         ND       50         9.2       10.00         SampType:       LCS         Batch ID:       37405         Analysis Date:       4/4/2018         Result       PQL       SPK value         4.1       5.000         SampType:       MBLK         Batch ID:       37405         Analysis Date:       4/4/2018	RunNo:       50301         SeqNo:       1629966       Units:       mg/Kg         SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         91.6       70       130

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
  - Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

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W Sample container temperature is out of limit as specified

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WO#: 1804128 05-Apr-18

### Client: Blagg Engineering

<b>Project:</b>	
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GCU 42

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Sample ID Ics-37399	SampType: LCS4 TestCode: EPA Method 8260B: Volatiles Short List									
Client ID: BatchQC	Batch ID	37399	RunNo: <b>50305</b>							
Prep Date: 4/3/2018	Analysis Date	£ 4/4/2018	S	eqNo: 1630018	Units: mg/Kg					
Analyte	Result P	QL SPK value	SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Benzene	0.92 0.	.025 1.000	0	92.4 80	120					
Toluene	0.98 0.	.050 1.000	0	98.3 80	120					
Ethylbenzene	1.1 0.	.050 1.000	0	105 80	120					
Xylenes, Total	3.2 (	0.10 3.000	0	106 80	120					
Surr: 4-Bromofluorobenzene	0.47	0.5000		94.9 70	130					
Surr: Toluene-d8	0.43	0.5000		86.0 70	130					
Sample ID mb-37399	SampType	e: MBLK	Test	Code: EPA Method	8260B: Volatiles Sho	rt List				
Client ID: PBS	Batch ID	37399	R	unNo: 50305	15					
Prep Date: 4/3/2018	Analysis Date	4/4/2018	S	eqNo: 1630050	Units: mg/Kg					
Analyte	Result P	QL SPK value	SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Benzene	ND 0.	.025								
Toluene	ND 0.	.050								
Ethylbenzene	ND 0.	.050								
Xylenes, Total	ND (	0.10								
Surr: 4-Bromofluorobenzene	0.57	0.5000		114 70	130					
Surr: Toluene-d8	0.44	0.5000		87.5 70	130					
Sample ID mb-37372	SampType	E: MBLK	Test	Code: EPA Method	8260B: Volatiles Sho	rt List				
Client ID: PBS	Batch ID	37372	R	unNo: 50305						
Prep Date: 4/2/2018	Analysis Date	4/4/2018	S	eqNo: 1630651	Units: %Rec					
Analyte	Result P	QL SPK value	SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Surr: 4-Bromofluorobenzene	0.57	0.5000		113 70	130					
Surr: Toluene-d8	0.42	0.5000		83.5 70	130					

Qualifiers:

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- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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WO#: **1804128** 

05-Apr-18

WO#: 1804128

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05-Apr-18

**Client: Blagg Engineering** GCU 42 **Project:** 

Sample ID Ics-37399	SampType: LCS	Type: LCS TestCode: EPA Method 8015D Mod: Gasoline Range											
Client ID: LCSS	Batch ID: 37399	9	R	unNo: 5	0305								
Prep Date: 4/3/2018	Analysis Date: 4/4/2	2018	S	eqNo: 1	630013	Units: mg/K	g						
Analyte	Result PQL S	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range Organics (GRO)	25 5.0	25.00	0	99.4	70	130							
Surr: BFB	510	500.0		103	70	130							
Sample ID mb-37399	SampType: MBL	к	Test	Code: El	PA Method	8015D Mod: (	Gasoline I	Range					
Client ID: PBS	Batch ID: 37399	9	R	unNo: 5	0305								
Prep Date: 4/3/2018	Analysis Data didi		-										
HOP DUILO. HOP DO TO	Analysis Date: 4/4/2	2018	S	eqNo: 1	630047	Units: mg/K	g						
Analyte			S SPK Ref Val		630047 LowLimit	Units: <b>mg/K</b> HighLimit	g %RPD	RPDLimit	Qual				
						0		RPDLimit	Qual				
Analyte	Result PQL S					0		RPDLimit	Qual				
Analyte Gasoline Range Organics (GRO)	Result PQL S ND 5.0	PK value 500.0	SPK Ref Val	%REC 114	LowLimit 70	HighLimit	%RPD		Qual				
Analyte Gasoline Range Organics (GRO) Surr: BFB	Result PQL S ND 5.0 570	500.0	SPK Ref Val	%REC 114	LowLimit 70 PA Method	HighLimit 130	%RPD		Qual				
Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID mb-37372	Result PQL S ND 5.0 570 SampType: MBL	500.0 <b>K</b>	SPK Ref Val Test	%REC 114 Code: El	LowLimit 70 PA Method 0305	HighLimit 130	%RPD		Qual				
Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID mb-37372 Client ID: PBS	Result PQL S ND 5.0 570 SampType: MBLF Batch ID: 37372 Analysis Date: 4/4/2	500.0 <b>K</b> 2018	SPK Ref Val Test	%REC 114 Code: El	LowLimit 70 PA Method 0305	HighLimit 130 8015D Mod: (	%RPD		Qual				

#### Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albu TEL: 505-345-3975 Website: www.ha	4901 Hawkins uquerque, NM 87 FAX: 505-345-4	NE 109 <b>San</b>	nple Log-In Ch	eck List
Client Name: BLAGG	Work Order Number:	1804128		RcptNo: 1	
				х 	
Received By: Anne Thorne	4/4/2018 7:40:00 AM		anne An	-	с <sup>1</sup> н 1
Completed By: Anne Thorne	4/4/2018 7:48:11 AM		anne He		
Reviewed By:	4 4 10		Gana gra		
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present	
2. How was the sample delivered?		Courier			
Log In 3. Was an attempt made to cool the samples?		Yes ⊻	No 🗌	NA 🗌	
4. Were all samples received at a temperature o	f >0° C to 6.0°C	Yes 🔽	No 🗌		
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌		
6. Sufficient sample volume for indicated test(s)?	?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) properly	preserved?	Yes 🖌	No 🗌		
8. Was preservative added to bottles?		Yes	No 🗹	NA	
9. VOA vials have zero headspace?		Yes	No 🗌	No VOA Vials	
10. Were any sample containers received broken	?	Yes	No 🗹		
11. Does paperwork match bottle labels?		Yes 🗹	No 🗌	# of preserved bottles checked for pH:	2 unless noted)
(Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of C	ustody?	Yes 🖌	No	Adjusted?	12 unless noted)
3 Is it clear what analyses were requested?	uotody.	Yes 🗹	No 🗌		
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by:	
Special Handling (if applicable)					
15. Was client notified of all discrepancies with th	is order?	Yes	No	NA 🗹	
Person Notified:	Date				
By Whom: Regarding:	Via:	] eMail 📋 Pl	hone 🗌 Fax	In Person	
Client Instructions:		2011 R. 18 2021			
16. Additional remarks:         17. Cooler Information         Cooler No       Temp °C       Condition       Sea         1       1.0       Good       Yes	al Intact   Seal No   S	eal Date	Signed By		

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C	hain	of-Cu	stody Record	Turn-Around	Time:					L.				/**	20	<b>N</b> I <b>N</b>		NIT (	
Client:	BPA	MERICA		□ Standard	Rush	SAME DAY	HALL ENVIRONMEN ANALYSIS LABORAT				 ,								
	BLAG.	ENGIN	EERING INC	Project Name	9:														
	Address			G	cu 42		4901 Hawkins NE - Albuquerque, NM 87109				100								
				Project #:			1			5-345			Fax						
Phone	#: 50	5-320	7-(183				14-1-14 5- 1540-1	-				CONTRACTOR OF THE OWNER	alysis	and the second distance	States and States	and the local division of the		The second	
email o				Project Mana	iger:		-	(V)L	(Ô)			Τ	04)					T	
QA/QC I	Package:			J.	BLAGG		3021	as or	/ DRO / MRO)			(S)	04,SC	CB's					
Stan	the second s		□ Level 4 (Full Validation)				S	Ő	RO			SIMS)	PC,	2 P(					
Accredi			r	Sampler: J	- BLA66		+ TMB'S (8021)	+ TPH (Gas only)	0/0	.1)		270	NO	808					or N)
	warm warmen ter Denter t		r		perature: ( _(	No S		+ ш	GR(	418	207	or 8	NO3	les /		/OA			Yor
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE	BTEX + MTBE	TPH 8015B (GRO	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270	Anions (F,CI,NO <sub>3</sub> ,NO <sub>2</sub> ,PO <sub>4</sub> ,SO <sub>4</sub> )	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	CHLORUDE		Air Bubbles (Y
				nextthe		1804128	BTE	BTE	TP	TP	Ē	PA	Anic	808	826	827	3		Air
4/3/2018	0923	SOIL	ExCAVATION 7-Pt COMP(6"-12")	40Ex1	COOL	105	X		X								X		
							-			_	+	_							
											+	+	_	-			_		$\left  - \right $
							-				_	+	+-	-					
	8																		
Date: 4/3/2018	Time:		( Blogg	Received by:	Walt	Date Time 4/3/18 1454	Rer	nark	s:	31LL Conto			eve	Mo	ska	1			
Date:	Time:	Relinquish	lotu likete	Received by:	hn A	Date Time 04/04/18 07/0			U	Æ	6	enev	rve al	P.	0.				

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May 07, 2018 Steve Moskal Blagg Engineering P. O. Box 87 Bloomfield, NM 87413 TEL: (505) 632-1199 FAX (505) 632-3903

RE: GCU 42

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

OrderNo.: 1805003

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/1/2018 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 <u>www.hallenvironmental.com</u> 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,

and

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

<b>Analytical Report</b>
Lab Order 1805003
Date Reported: 5/7/2018

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Project: GCU 42

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Client Sample ID: Bio Pile 5-pt Comp. Collection Date: 4/30/2018 11:45:00 AM Received Date: 5/1/2018 8:05:00 AM

Matrix:	SOIL	Received	Received Date: 5/1/2018 8:05:00 AM											
Result	Result PQL Qual		DF	Date Analyzed	Batch									
				Analyst	MRA									
580	30	mg/Kg	20	5/4/2018 10:57:57 PM	37957									
INE RANGE				Analyst	AG									
ND	4.8	mg/Kg	1	5/2/2018 8:24:24 PM	37876									
121	70-130	%Rec	1	5/2/2018 8:24:24 PM	37876									
NGE ORGANICS	6			Analyst	TOM									
11	9.1	mg/Kg	1	5/3/2018 11:55:25 PM	37916									
ND	45	mg/Kg	1	5/3/2018 11:55:25 PM	37916									
86.4	70-130	%Rec	1	5/3/2018 11:55:25 PM	37916									
SHORT LIST				Analyst	AG									
ND	0.024	mg/Kg	1	5/2/2018 8:24:24 PM	37876									
ND	0.048	mg/Kg	1	5/2/2018 8:24:24 PM	37876									
ND	0.048	mg/Kg	1	5/2/2018 8:24:24 PM	37876									
ND	0.096	mg/Kg	1	5/2/2018 8:24:24 PM	37876									
132	70-130	S %Rec	1	5/2/2018 8:24:24 PM	37876									
88.7	70-130	%Rec	1	5/2/2018 8:24:24 PM	37876									
	Result 580 INE RANGE ND 121 ANGE ORGANICS 11 ND 86.4 SHORT LIST ND ND ND ND ND ND ND 132	580         30           INE RANGE         ND         4.8           121         70-130           ANGE ORGANICS         11         9.1           ND         45         86.4         70-130           SHORT LIST         ND         0.024           ND         0.048         ND         0.048           ND         0.096         132         70-130	Result         PQL         Qual         Units           580         30         mg/Kg           INE RANGE	Result         PQL         Qual         Units         DF           580         30         mg/Kg         20           INE RANGE         1         121         70-130         %Rec         1           121         70-130         %Rec         1         1         1         1         1           ANGE ORGANICS         1         9.1         mg/Kg         1         <	Result         PQL         Qual         Units         DF         Date Analyzed           580         30         mg/Kg         20         5/4/2018 10:57:57 PM           INE RANGE         Analyst           ND         4.8         mg/Kg         1         5/2/2018 8:24:24 PM           121         70-130         %Rec         1         5/2/2018 8:24:24 PM           ANGE ORGANICS         Analyst           11         9.1         mg/Kg         1         5/3/2018 11:55:25 PM           ND         45         mg/Kg         1         5/3/2018 11:55:25 PM           ND         45         mg/Kg         1         5/3/2018 11:55:25 PM           SHORT LIST         Analyst         ND         0.024         mg/Kg         1         5/2/2018 8:24:24 PM           ND         0.024         mg/Kg         1         5/2/2018 8:24:24 PM         Analyst           ND         0.048         mg/Kg         1         5/2/2018 8:24:24 PM           ND         0.048         mg/Kg         1         5/2/2018 8:24:24 PM           ND         0.096         mg/Kg         1         5/2/2018 8:24:24 PM           ND         0.096         mg/Kg         1         5/2/2018									

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 5
	ND	D Not Detected at the Reporting Limit		Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Client:Blagg EngineeringProject:GCU 42

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Sample ID LCS-37957	SampType: Ics	SampType: Ics TestCode: EPA Method 300.0: Anions									
Client ID: LCSS	Batch ID: 37957	RunNo: 51062									
Prep Date: 5/4/2018	Analysis Date: 5/4/2018	SeqNo: 1658329	Units: mg/Kg								
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual							
Chloride	14 1.5 15.00	0 95.1 90	110								
Sample ID MB-37957	SampType: mblk	TestCode: EPA Method	300.0: Anions								
Client ID: PBS	Batch ID: 37957	RunNo: 51062									
Prep Date: 5/4/2018	Analysis Date: 5/4/2018	SeqNo: 1658330	Units: mg/Kg								
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual							
Chloride	ND 1.5										

#### Qualifiers:

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Client: Blagg Engineering Project: GCU 42

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Sample ID LCS-37916	SampType: LCS TestCode: EPA Method						8015M/D: Die	esel Range	• Organics	
Client ID: LCSS	Batch	Batch ID: 37916 RunNo: 51013								
Prep Date: 5/2/2018	Analysis D	ate: 5/	3/2018	S	SeqNo: 1	657153	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
[ Range Organics (DRO)	41	10	50.00	0	82.6	70	130		Angeligi an de anna an stàite an an an Angeligi an Angeligi an Angeligi an Angeligi an Angeligi an Angeligi an	
Surr: DNOP	3.5		5.000		70.7	70	130			
Sample ID MB-37916	SampT	vpe: ME	RI K	Tes	tCode: El	PA Method	8015M/D: Die	sel Rang	Organics	adar di kanan kanan Kanan kanan kan Kanan kanan kan
Client ID: PBS		ID: 37			RunNo: 5		00101110.01	sorrange	organios	
Prep Date: 5/2/2018	Analysis D	ate: 5/	3/2018	S	SeqNo: 1	657154	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
[ Range Organics (DRO)	ND	10								
, , ,	ne -									
Motor Oil Range Organics (MRO)	ND	50								
Motor Oil Range Organics (MRO) Surr: DNOP		50	10.00		78.3	70	130			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
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- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Project:	GCU 42

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Toluene       0.97       0.050       1.000       0       96.8       80       120         Ethylbenzene       1.0       0.050       1.000       0       104       80       120         Xylenes, Total       3.1       0.10       3.000       0       103       80       120         Surr: 4-Bromofluorobenzene       0.58       0.5000       115       70       130         Surr: Toluene-d8       0.45       0.5000       90.5       70       130         Sample ID       mb-37876       SampType:       MBLK       TestCode:       EPA Method 8260B:       Volatiles Short List         Client ID:       PBS       Batch ID:       37876       RunNo:       50985         Prep Date:       5/1/2018       Analysis Date:       5/2/2018       SeqNo:       1655457       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Benzene       ND       0.025       Ethylbenzene       ND       0.050       Ethylbenzene       ND       0.050			and the second party of the second	and the second se			Contraction and a state of the contractor	and the set of the set of the set of the set						
Prep Date:         5/1/2018         Analysis Date:         5/2/2018         SeqNo:         1655456         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Benzene         0.85         0.025         1.000         0         85.0         80         120           Toluene         0.97         0.050         1.000         0         96.8         80         120           Ethylbenzene         1.0         0.050         1.000         0         104         80         120           Syrres, Total         3.1         0.10         3.000         0         103         80         120           Syrres, Total         3.1         0.10         3.000         0         103         80         120           Syrres, Total         3.1         0.10         3.000         0         130         130         120           Syrres, Total         0.45         0.5000         90.5         70         130         130         130         130           Syrres, Total         0.45         57/2018         RegNz         RepMet	Sample ID Ics-37876	SampT	ype: LC	S4	Test	PA Method	8260B: Volat	iles Short	List					
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Benzene         0.85         0.025         1.000         0         85.0         80         120           Toluene         0.97         0.050         1.000         0         96.8         80         120           Ethylbenzene         1.0         0.050         1.000         0         104         80         120           Surr: 4-Bromofluorobenzene         0.58         0.5000         115         70         130	Client ID: BatchQC	Batch	n ID: 37	876	RunNo: 50985									
Benzene         0.85         0.025         1.000         0         85.0         80         120           Toluene         0.97         0.050         1.000         0         96.8         80         120           Ethylbenzene         1.0         0.050         1.000         0         104         80         120           Xylenes, Total         3.1         0.10         3.000         0         103         80         120           Surr: 4-Bromofluorobenzene         0.58         0.5000         115         70         130           Surr: Toluene-d8         0.45         0.5000         90.5         70         130           Sample ID         mb-37876         SampType: MBLK         TestCode: EPA Method 8260B: Volatiles Short List           Client ID:         PBS         Batch ID:         37876         RunNo: 50985           Prep Date:         5/1/2018         Analysis Date:         5/2/2018         SeqNo: 1655457         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD RPDLimit         Qual           Benzene         ND         0.050         SeqNo:         130         70	Prep Date: 5/1/2018	Analysis D	Date: 5/	2/2018	S	eqNo: 1	655456	Units: mg/Kg						
Toluene       0.97       0.050       1.000       0       96.8       80       120         Ethylbenzene       1.0       0.050       1.000       0       104       80       120         Xylenes, Total       3.1       0.10       3.000       0       103       80       120         Surr: 4-Bromofluorobenzene       0.58       0.5000       115       70       130       130         Surr: 7oluene-d8       0.45       0.5000       90.5       70       130       100       100         Sample ID       mb-37876       SampType:       MBLK       TestCode:       EPA Method 8260B:       Volatiles Short List         Client ID:       PBS       Batch ID:       37876       RunNo:       50985       Volatiles Short List         Prep Date:       5/1/2018       Analysis Date:       5/2/2018       SeqNo:       1655457       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Benzene       ND       0.050       Kylenes, Total       ND       0.10       S       S       S         Surr: 4-Bromofluorobenzene	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Ethylbenzene       1.0       0.050       1.000       0       104       80       120         Xylenes, Total       3.1       0.10       3.000       0       103       80       120         Surr: 4-Bromofluorobenzene       0.58       0.5000       115       70       130         Surr: Toluene-d8       0.45       0.5000       90.5       70       130         Sample ID       mb-37876       SampType:       MBLK       TestCode:       EPA Method 8260B:       Volatiles Short List         Client ID:       PBS       Batch ID:       37876       RunNo:       50985       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Benzene       ND       0.050 </td <td>Benzene</td> <td>0.85</td> <td>0.025</td> <td>1.000</td> <td>0</td> <td>85.0</td> <td>80</td> <td>120</td> <td></td> <td></td> <td></td>	Benzene	0.85	0.025	1.000	0	85.0	80	120						
Xylenes, Total       3.1       0.10       3.000       0       103       80       120         Surr: 4-Bromofluorobenzene       0.58       0.5000       115       70       130         Sarr: Toluene-d8       0.45       0.5000       90.5       70       130         Sample ID       mb-37876       SampType: MBLK       TestCode: EPA Method 8260B: Volatiles Short List         Client ID:       PBS       Batch ID: 37876       RunNo: 50985         Prep Date:       5/1/2018       Analysis Date:       5/2/2018       SeqNo: 1655457       Units: mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Benzene       ND       0.025       Volatiles       ND       0.050       Volatiles       SeqNo: 1655457       Volatiles       SeqNo: 1655457       Volatiles       MC       Qual         Benzene       ND       0.025       Volatiles       ND       0.050       Volatiles       SeqNo: 1655457       Volatiles	Toluene	0.97	0.050	1.000	0	96.8	80	120						
Surr: 4-Bromofluorobenzene         0.58         0.5000         115         70         130           Surr: Toluene-d8         0.45         0.5000         90.5         70         130           Sample ID mb-37876         SampType: MBLK         TestCode: EPA Method 8260B: Volatiles Short List           Client ID:         PBS         Batch ID:         37876         RunNo:         50985           Prep Date:         5/1/2018         Analysis Date:         5/2/2018         SeqNo:         1655457         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Benzene         ND         0.025          Toluene         ND         0.050          Xylenes, Total         ND         0.10           Surr: 4-Bromofluorobenzene         0.65         0.5000         130         70         130         S	Ethylbenzene	1.0	0.050	1.000	0	104	80	120						
Surr: Toluene-d8         0.45         0.5000         90.5         70         130           Sample ID mb-37876         SampType: MBLK         TestCode: EPA Method 8260B: Volatiles Short List           Client ID:         PBS         Batch ID: 37876         RunNo: 50985           Prep Date:         5/1/2018         Analysis Date:         5/2/2018         SeqNo: 1655457         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Benzene         ND         0.025         Volumeter         VD         0.050         Volumeter         VD         VD         VD         VD         S           Sygnes, Total         ND         0.10         VD         0.5000         130         70         130         S	Xylenes, Total	3.1	0.10	3.000	0	103	80	120						
Sample ID       mb-37876       SampType:       MBLK       TestCode:       EPA Method 8260B:       Volatiles Short List         Client ID:       PBS       Batch ID:       37876       RunNo:       50985         Prep Date:       5/1/2018       Analysis Date:       5/2/2018       SeqNo:       1655457       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Benzene       ND       0.025       Intervention       ND       0.050       Intervention       Kegno	Surr: 4-Bromofluorobenzene	0.58		0.5000		115	70	130						
Client ID:       PBS       Batch ID:       37876       RunNo:       50985         Prep Date:       5/1/2018       Analysis Date:       5/2/2018       SeqNo:       1655457       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Benzene       ND       0.025	Surr: Toluene-d8	0.45		0.5000		90.5	70	130						
Prep Date:5/1/2018Analysis Date:5/2/2018SeqNo:1655457Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualBenzeneND0.0250.0500.0500.0500.0500.0500.0500.050EthylbenzeneND0.0500.0500.0500.0500.0500.0500.0500.050Surr: 4-Bromofluorobenzene0.650.500013070130SS	n na	SampType: MRLK TestCode: EPA Method 8260B: Volatiles Short List								and an an an and a second s				
AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualBenzeneND0.025TolueneND0.050EthylbenzeneND0.050Xylenes, TotalND0.10Surr: 4-Bromofluorobenzene0.650.500013070130S	Sample ID mb-37876	SampT	ype: ME	BLK	Test	Code: El	PA Method	8260B: Volat	iles Short	List				
ND         0.025           Toluene         ND         0.050           Ethylbenzene         ND         0.050           Xylenes, Total         ND         0.10           Surr: 4-Bromofluorobenzene         0.65         0.5000         130         70         130         S								8260B: Volat	iles Short	List				
ND         0.050           Ethylbenzene         ND         0.050           Xylenes, Total         ND         0.10           Surr: 4-Bromofluorobenzene         0.65         0.5000         130         70         130         S	Client ID: PBS	Batch	n ID: 37	876	R	tunNo: 5	0985			List				
ND         0.050           Xylenes, Total         ND         0.10           Surr: 4-Bromofluorobenzene         0.65         0.5000         130         70         130         S	Client ID:         PBS           Prep Date:         5/1/2018	Batcl Analysis D	n ID: 37 Date: 5/	876 2/2018	R	tunNo: 5 SeqNo: 1	0985 655457	Units: mg/K	íg		Qual			
Xylenes, Total         ND         0.10           Surr: 4-Bromofluorobenzene         0.65         0.5000         130         70         130         S	Client ID: PBS Prep Date: 5/1/2018 Analyte	Batcl Analysis D Result	n ID: <b>37</b> 6 Date: <b>5</b> / PQL	876 2/2018	R	tunNo: 5 SeqNo: 1	0985 655457	Units: mg/K	íg		Qual			
Surr: 4-Bromofluorobenzene 0.65 0.5000 130 70 130 S	Client ID:         PBS           Prep Date:         5/1/2018	Batcl Analysis D Result ND	n ID: <b>37</b> Date: <b>5</b> PQL 0.025	876 2/2018	R	tunNo: 5 SeqNo: 1	0985 655457	Units: mg/K	íg		Qual			
	Client ID: <b>PBS</b> Prep Date: <b>5/1/2018</b> Analyte Benzene Toluene	Batch Analysis E Result ND ND	Date: 5/. PQL 0.025 0.050	876 2/2018	R	tunNo: 5 SeqNo: 1	0985 655457	Units: mg/K	íg		Qual			
Surr: Toluene-d8 0.44 0.5000 88.2 70 130	Client ID: <b>PBS</b> Prep Date: <b>5/1/2018</b> Analyte Benzene Toluene Ethylbenzene	Batch Analysis E Result ND ND ND	Date: 5/ PQL 0.025 0.050 0.050	876 2/2018	R	tunNo: 5 SeqNo: 1	0985 655457	Units: mg/K	íg		Qual			
	Client ID: PBS Prep Date: 5/1/2018 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batch Analysis E Result ND ND ND ND	Date: 5/ PQL 0.025 0.050 0.050	876 2/2018 SPK value	R	RunNo: 5 SeqNo: 1 %REC	0985 655457 LowLimit	Units: <b>mg/K</b> HighLimit	íg					

Qualifiers:

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Client:	Blagg Engineering
Project:	GCU 42

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Sample ID Ics-37876	SampT	ype: LC	S	Tes	estCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: LCSS	Batch	ID: 37	876	F	RunNo: 50985							
Prep Date: 5/1/2018	Analysis D	ate: 5/	2/2018	S	SeqNo: 1	655451	Units: mg/M	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.0	70	130					
Surr: BFB	500		500.0		99.0	70	130					
	000		500.0		00.0	10	100			And and a state of the second s		
Sample ID mb-37876		ype: ME	n den seiter auf einer einer den seiter einer	Tes			8015D Mod:	Gasoline	Range			
	SampT	ype: ME	BLK			PA Method		Gasoline	Range	Andrea Angeles an an Angeles and Angel		
Sample ID mb-37876	SampT	D: 37	BLK 876	F	tCode: El	PA Method			Range			
Sample ID mb-37876 Client ID: PBS	SampT Batch	D: 37	BLK 876 2/2018	F	tCode: El RunNo: 5	PA Method	8015D Mod:		Range RPDLimit	Qual		
Sample ID         mb-37876           Client ID:         PBS           Prep Date:         5/1/2018	SampT Batch Analysis D	n ID: 376 ate: 5/	BLK 876 2/2018	F	tCode: El RunNo: 5 SeqNo: 1	PA Method 0985 655452	8015D Mod: Units: mg/M	(g		Qual		

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Alb TEL: 505-345-397 Website: www.ha	4901 Hawki uquerque, NM 5 FAX: 505-345	ins NE 87109 <b>Sam</b> 5-4107	ple Log-In C	heck List
Client Name: BLAGG	Work Order Number	1805003		RcptNo:	1
				1 1 . <u>.</u> .	
Received By: Isaiah Ortiz	5/1/2018 8:05:00 AM		ICh		
Completed By: Erin Melendrez	5/1/2018 8:46:26 AM		ing	5	
Reviewed By: ENH	5/1/18				
Chain of Custody					· · · · · ·
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present	••••••••••••••••••••••••••••••••••••••
2. How was the sample delivered?		Courier			
Log In		Yes 🔽	No		
3. Was an attempt made to cool the samples?		Yes 🖤			
4. Were all samples received at a temperature of	f >0° C to 6.0°C	Yes 🗹	No 🗌	NA	
5. Sample(s) in proper container(s)?		Yes 🖌	No 🗌		
6. Sufficient sample volume for indicated test(s)?	0	Yes 🖌	No		
7. Are samples (except VOA and ONG) properly	preserved?	Yes 🗹	No 🗌		
8. Was preservative added to bottles?		Yes	No 🗹	NA 🗌	/
9. VOA vials have zero headspace?		Yes	No 🗌	No VOA Vials	
10. Were any sample containers received broken?	?	Yes	No 🗹		11
				# of preserved bottles checked	5
11. Does paperwork match bottle labels?		Yes 🖌	No 🗌	for pH:	>12 unless noted)
(Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Co	ustody?	Yes 🖌	No 🗌	Adjusted?	
13, is it clear what analyses were requested?		Yes 🗹	No 🗌	/ ') =	
14. Were all holding times able to be met?		Yes 🗹	No 🗆	Checked by:	
(If no, notify customer for authorization.)			l-		
Special Handling (if applicable)					
15. Was client notified of all discrepancies with th	is order?	Yes	No	NA 🖌	
Person Notified:	Date:		iki ikin mangangangangan t		
By Whom:	Via:	eMail	Phone Fax	In Person	
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