# OIL CONS. DIV DIST. 3

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

JAN 2.5-2018

Form C-141 Revised April 3, 2017

Final Report

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

**OPERATOR** 

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Initial Report

Release Notification and Corrective Action

				tion Compar			n Garifalos					
Address 200	) Energy	Court, Fa	armingto	n, NM 8740		Telephone No. (832) 609-7048						
Facility Nar	nePHIIC	CHARD A	002A			Facility Typ	e: Natural Ga	as vve	911			
Surface Ow	ner: Fede	eral		Mineral	Owner:	Federal			API No	.3004522020		
				LOC	ATIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/	West Line	County		
l	01	30N	09W	1,710	Sou	uth	1,090	Eas	st	San Juar		
			Latitud	<sub>e</sub> 36.83780	L	ongitude -1	07.727025	NAD	83			
				NA		OF REL						
Type of Relea	ase:: none	)				Volume of	Release:: unkno			Recovered:: N/A		
Source of Re	lease: belo	w grade ta	nk - 95	bbl		Date and I	Hour of Discovery:					
Was Immedia						n/a   n/a   If YES, To Whom?						
			Yes 🗸	No Not R	Required							
By Whom?						Date and I						
Was a Water	course Reac		Yes 🗸	No		If YES, Vo	olume Impacting t	the Wat	ercourse.			
If a Watercou	man suna Ima											
Describe Area	a Affected a	and Cleanup A	Action Tak	spill a TPH r en.* No furth	nd releate requiring ner act	se guideline no further a	es, the site is rar action. Field reported. Final lal	nked wi	th a closur d laborator	ds except TPH. Following the re standard of 5,000 ppm ry results are attached.  ysis determined no		
regulations al public health should their o	I operators or the envir operations h nment. In a	are required to ronment. The ave failed to addition, NMC	o report and acceptance acceptanc	d/or file certain e of a C-141 rep investigate and	release no ort by the remediate	otifications a e NMOCD m e contaminati	nd perform correct arked as "Final R on that pose a three the operator of	etive act eport" d eat to gr respons	ions for rele loes not rele round water ibility for co	suant to NMOCD rules and eases which may endanger leve the operator of liability r, surface water, human health ompliance with any other		
Signature:		orifale				Approved by	OIL CONS			DIVISION .		
Printed Name	Erin G	arifalos								ZM/		
Title: Field			rdinator		Approval Date: 2/2/14 Expiration Date:							
E-mail Addre	ss: erin.	garifalos	@bp.	com		Conditions o	f Approval:			Attached		
Date: Janua				(832) 609-7	048							
Attach Addit	ional Shee	ets If Necess	ary 7	7 NCS 180	33	3 5205	,					

	BP		NGINEERING,		API#: 3004	522020	
CLIENT: _		P.O. BOX 87, B		NM 8/413	TANK ID	Α	
			5) 632-1199		(if applicble):	^	
FIELD F	REPORT:	(circle one): BGT CONFIRMATION	/ RELEASE INVESTIGATION	I / OTHER:	PAGE #: 1	of	1_
SITE IN	FORMATION	I: SITE NAME: PRITCH	IARD A # 2A		DATE STARTED:	11/27/17	,
QUAD/UNIT:	SEC: 1 TWP:	30N RNG: 9W PM:	NM CNTY:	SJ ST: NM	DATE FINISHED:		
1/4 -1/4/FOOTA	AGE: 1,710'S / 1,0	90'E NE/SE LEASE T	TYPE: FEDERAL STA	ATE / FEE / INDIAN	ENVIRONMENTAL		
LEASE #:	NII 40 40 00 0		STRIK ONTRACTOR: MBF -	E	SPECIALIST(S):	JCB	
REFERE	ENCE POINT			3747 X 107.72700	GL ELEV.	6,344'	
	DOT (OM/DD)		83780 X 107.7270			13', N1E	
,					ARING FROM W.H.:	-	
,							
4)		GPS COORD.:			ARING FROM W.H.:		
	NG DATA:	CHAIN OF CUSTODY RECORD(S) # 0	ORIARIISED: U		TO THE TENT	OVI READI	
		(a) 5' SAMPLE DATE: 11/27	- 10	ALL 34 LAB ANALYSIS: 80	15B/8021B/300.0 (C	(ppm	n)
		SAMPLE DATE:SAMPLE DATE:				., 0.0	
		SAMPLE DATE:					
4) SAMPLE ID:		SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:			_
5) SAMPLE ID:		SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:			_
SOIL DE	SCRIPTION	SOIL TYPE: SAND SILTY SAND	SILT / SILTY CLAY / CLAY / G	RAVEL / OTHER			
	DARK YEL		PLASTICITY (CLAYS): NON P	LASTIC / SLIGHTLY PLASTIC /	COHESIVE / MEDIUM PLASTI	C / HIGHLY PLAS	TIC
		Y COHESIVE / COHESIVE / HIGHLY COHESIVE	DENSITY (COHESIVE CLA		/ STIFF / VERY STIFF / HA	(RD	
		DOSE FIRM / DENSE / VERY DENSE JET / SATURATED / SUPER SATURATED	HC ODOR DETECTED: YES	NO EXPLANATION -			
	GRAB (COMPOSITE) +		AND ADEAS DISDI AVING W	ETNESS: YES NO EXPLA	NATION		
	TAINING OBSERVED: YES		ANT ANEAS DISPERTING VI	ETNESS. TES NO EXPL	MATION -		
		S: LOST INTEGRITY OF EQUIPMENT	YES NO EXPLANATION -				
		ED AND/OR OCCURRED : YES NO EXPL					
	OVER RECLAIMED AREA:	YES NO EXPLANATION - 105 BB	L SHALLOW LOW PROP	FILE ABOVE-GRADE TA	NK TO BE SET ATOP	BGT LOCATI	ON.
OTHER:							
EXCAVATION DI	MENSION ESTIMATION:	:NA ft. XNA	ft. X NA ft.	EXCAVATION ES	STIMATION (Cubic Yards	s): NA	_
DEPTH TO GROUN	NDWATER: >100' N	NEAREST WATER SOURCE: >1,000	NEAREST SURFACE WA	TER: >1,000' NMO	CD TPH CLOSURE STD:	5,000	ppm
SITE SKE	ETCH	BGT Located: off on sit	e PLOT PLAN	circle: attached	M CALIB. READ. = 100.2	2 ppm RF=1	
		$\wedge$	BERM	A .	M CALIB. GAS = 100		.00
		PBGTL			E: <b>12:00</b> am(pm) DAT		7
		T.B. ~ 5' B.G.		14			
			FENCE	,	MISCELL. I	NO IES	
	SOUND	X	X	-	NO:		
	WALLS	$\langle \langle (x \times x) \rangle \rangle$	PROD.	_	REF#: P-874	VD2	_
	*		TANK	_	/ID: VHIXONE	VDZ	
				-	PJ#:	06/02/10	
	COMPRESSOR			_		09/18/17	
	COMPRESSOR V			Ta	ank OVM = Organic Va	apor Meter	
	/	$\rightarrow$			ppm = parts per m BGT Sidewalls Visible	: Y / N	
	SEPARATOR -	то		_	BGT Sidewalls Visible		
IOTEO, DOT DELC'S	VODADETANIK ED. EVON III	<b>₩.H.</b>	TIONETH - TEATURE : :	X - S.P.D.	BGT Sidewalls Visible		_
T.B. = TANK BO	OTTOM; PBGTL = PREVIOUS BEL	ON DEPRESSION; B.G. = BELOW GRADE; B = BE .OW-GRADE TANK LOCATION; SPD = SAMPLE P	POINT DESIGNATION; R.W. = RETA		Magnetic declination		
		F WAI L: DW - DOUBLE WALL; SB - SINGLE BOT					_
NOTES: GOO	GLE EARTH IMAG	ERY DATE: 10/5/2016.	ONSITE: 11	<i>1</i> 27/17			

### **Analytical Report**

#### Lab Order 1711C57

Date Reported: 11/29/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Blagg Engineering

Client Sample ID: 95 BGT 5-pt @ 5'

Project: PR

PRITCHARD A 2A

Collection Date: 11/27/2017 12:34:00 PM

Lab ID: 1711C57-001

Matrix: SOIL

Received Date: 11/28/2017 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	11/28/2017 2:11:36 PM	35186
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	TOM
Diesel Range Organics (DRO)	58	10	mg/Kg	1	11/28/2017 2:16:04 PM	35180
Motor Oil Range Organics (MRO)	220	50	mg/Kg	1	11/28/2017 2:16:04 PM	35180
Surr: DNOP	85.1	70-130	%Rec	1	11/28/2017 2:16:04 PM	35180
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.0	mg/Kg	1	11/28/2017 2:04:42 PM	G47368
Surr: BFB	87.8	15-316	%Rec	1	11/28/2017 2:04:42 PM	G47368
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.020	mg/Kg	1	11/28/2017 2:04:42 PM	B47368
Toluene	ND	0.040	mg/Kg	1	11/28/2017 2:04:42 PM	B47368
Ethylbenzene	ND	0.040	mg/Kg	1	11/28/2017 2:04:42 PM	B47368
Xylenes, Total	ND	0.081	mg/Kg	1	11/28/2017 2:04:42 PM	B47368
Surr: 4-Bromofluorobenzene	85.5	80-120	%Rec	1	11/28/2017 2:04:42 PM	B47368

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

#### 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
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Cł	nain-c	of-Cus	stody Record	i um-Around	Time.	SAME	LLL HALL ENVIRONMENTAL														
Client:	BLAG	G ENGR	. / BP AMERICA	Standard	Rush _	DAY )		200	_		IAV										
B				Project Name			100				ww.h							* 1 4			
Mailing A	ddress:	P.O. BO	X 87	PR	ITCHARD A	A # 2A		490	17 H:	awkin								10			
	MIL4 4	BLOOM	FIELD, NM 87413	Project #:						5-345			,		345			9			
Phone #:		(505) 63	794-1-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-					16.	. 50.	3-343					ques			100			
email or F	ax#:	(1-10)		Project Manag	ger:						Т						(7				
QA/QC Pa	-		Level 4 (Full Validation)		JEFFREY C.	BLAGG	(80218)	+ MTBE + TPH (Gas only)	/ MRO)		S		04,504	PCB's			ter - 300.1)			d)	
Accreditat	tion:			Sampler:	JEFFREY C.	BLAGG	8) S	(Gas	01		SIM		02,	082			/ water			nple L	
□ NELAF	>	□ Other	•		V. Ve	in No.	1	TPH		418.	8270SIMS)		O3,N	s / 8		(A)	300.0 /			e sal	N Z
□ EDD (	Гуре)			Sample Temo	erature:/ii		4	3E +	GR	poo	or 8	stals	N'IS	cide	B	1-10			e	osit	رح ه
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAUNA THÉSTI	BTEX +-MTBE	BTEX + MT	TPH 8015B (GRO	TPH (Method 418.1)	PAH (8310 or	RCRA 8 Metals	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil		Grab sample	5 pt. composite sample	Air Bubbles (Y or
11/27/17	1234	SOIL	95 BGT 5- 0.75'	4 oz 1	Cool	7001	V		V	-	+-	_				-	V	$\Box$	Ť	V	
																			$\top$	+	
										$\top$	+	$\vdash$						$\Box$	$\dashv$	$\neg$	$\dashv$
		<b></b>							$\dashv$	+	+								$\dashv$	$\forall$	$\neg$
								$\neg$	$\dashv$	+	+						$\vdash$		$\dashv$	+	_
									1	_	+-						$\vdash$		$\dashv$	-	-
								-	$\dashv$	+	+				-				$\dashv$	$\dashv$	$\neg$
							$\vdash$	-	+	+	+							$\vdash$	$\dashv$	$\dashv$	_
							$\vdash$	-	+	+	+								$\dashv$	$\dashv$	
		-							+	_	+	-	_					$\vdash$	$\dashv$	$\dashv$	-
							$\vdash$	-	+	-	+	-					$\vdash$	$\vdash$	$\dashv$	$\dashv$	
									+	_	+			_	-		$\vdash$	$\vdash$	$\dashv$	-	$\dashv$
Date:	Time:	Relinguişh	ad by:	Received by:		Date Time	Rem	arks	Ц,	BILL DIR	ECTIV 1	ORP	ISIMO	TUE	CONT	ACTV	MTU	OPPE	ERONI	DING	VID
Date: 11/27/2017	1647	full	Blagg	aldw	ا ملا	1/27/0 1697			1	REFER	ENCE#	WHE	N APP	LICA	BLE;		HILL	~nne:	A ON	PING	4112
Date:	Time:	Relinquish	ed by:	Received by:	m I	Date Time /// 28//7			/ID: Y	VHIXO		2									
in the	If necessary,	samples sub	emitted to Hall Environmental may be sul	bcontracted to other a			of this	possibi	ility. A	minutes and a second		_	a will b	e cle	arly no	tated	on the	analyt	ical re	port.	

## **OC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1711C57

29-Nov-17

Client:

Blagg Engineering

Project:

PRITCHARD A 2A

Sample ID MB-35186

SampType: mblk

TestCode: EPA Method 300.0: Anions

PBS Client ID:

Batch ID: 35186

1.5

RunNo: 47367

Prep Date:

SeqNo: 1512196

Units: mg/Kg

Analyte

11/28/2017

Analysis Date: 11/28/2017

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLimit**  Qual

Chloride

Result PQL ND

SampType: Ics

TestCode: EPA Method 300.0: Anions

Sample ID LCS-35186 Client ID:

LCSS

Batch ID: 35186

PQL

RunNo: 47367

Units: mg/Kg

%RPD

Analyte

11/28/2017

Analysis Date: 11/28/2017

SPK value SPK Ref Val %REC LowLimit

15.00

94.6

HighLimit 110 Qual

Chloride

Prep Date:

14

1.5

**RPDLimit** 

0

SeqNo: 1512197

Qualifiers:

**PQL** 

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded H

ND Not Detected at the Reporting Limit Practical Quanitative Limit

% 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

P Sample pH Not In Range

RL Reporting Detection Limit

Sample container temperature is out of limit as specified

Page 2 of 5

## **QC SUMMARY REPORT**

Client:

# Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

Batch ID: 35150

Analysis Date: 11/28/2017

PQL

SPK value SPK Ref Val

10.00

Result

10

Blagg Engineering

WO#: 1711C57

29-Nov-17

Project: PRITCH	ARD A 2A			
Sample ID LCS-35180	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range	Organics
Client ID: LCSS	Batch ID: 35180	RunNo: 47354		
Prep Date: 11/28/2017	Analysis Date: 11/28/2017	SeqNo: 1510950	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	49 10 50.00	0 98.1 73.2	114	
Surr: DNOP	3.9 5.000	78.6 70	130	
Sample ID MB-35180	SampType: MBLK	TestCode: EPA Method	I 8015M/D: Diesel Range	Organics
Client ID: PBS	Batch ID: 35180	RunNo: 47354		
Prep Date: 11/28/2017	Analysis Date: 11/28/2017	SeqNo: 1510951	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	ND 10			
Motor Oil Range Organics (MRO)	ND 50			
Surr: DNOP	8.5 10.00	85.5 70	130	
Sample ID LCS-35150	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range	Organics
Client ID: LCSS	Batch ID: 35150	RunNo: 47354		
Prep Date: 11/27/2017	Analysis Date: 11/28/2017	SeqNo: 1512100	Units: %Rec	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Surr: DNOP	4.7 5.000	94.1 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

Sample ID MB-35150

Prep Date: 11/27/2017

Client ID: PBS

Analyte

Surr: DNOP

- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank

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

Units: %Rec

130

%RPD

**RPDLimit** 

Page 3 of 5

Qual

HighLimit

E Value above quantitation range

RunNo: 47354

103

SeqNo: 1512101

%REC LowLimit

- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

# **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

1000

1000

WO#: 1711C57

29-Nov-17

Client:	Blagg Er	gineering									
Project:	PRITCH	ARD A 2A									
Sample ID	RB	SampT	уре: МІ	BLK	Tes	tCode: E	PA Method	8015D: Gaso	oline Rang	je	
Client ID:	PBS	Batch	ID: G4	17368	F	RunNo: 4	7368				
Prep Date:		Analysis Da	ate: 1	1/28/2017	5	SeqNo: 1	511580	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 890	5.0	1000		89.4	15	316			
Sample ID	2.5UG GRO LCS	SampTy	ype: LC	s	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	je	
Client ID:	LCSS	Batch	ID: G4	17368	F	RunNo: 4	7368				
Prep Date:		Analysis Da	ate: 1	1/28/2017	S	SeqNo: 1	511581	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
_	e Organics (GRO)	22	5.0	25.00	0	88.7	75.9	131			
Surr: BFB		1000		1000		100	15	316			
Sample ID	MB-35154	SampTy	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID:	PBS	Batch	ID: 35	154	F	unNo: 4	7368				
Prep Date:	11/27/2017	Analysis Da	ate: 1	1/28/2017	8	SeqNo: 1	511588	Units: %Re	С		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		880		1000		88.1	15	316			
Sample ID	LCS-35154	SampTy	ype: LC	s	Tes	Code: El	PA Method	8015D: Gaso	line Rang	е	
Client ID:	LCSS	Batch	ID: 35	154	F	tunNo: 4	7368				
Prep Date:	11/27/2017	Analysis Da	ate: 1	1/28/2017	S	eqNo: 1	511589	Units: %Red	С		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

#### Qualifiers:

Surr: BFB

- \* 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
- E Value above quantitation range

102

316

Page 4 of 5

- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

# **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#: 1711C57

29-Nov-17

PRITCHARD A 2A
Blagg Engineering

Cuit. 4 Bromolidoroponzono			1.000							
Surr: 4-Bromofluorobenzene	0.90		1.000		90.0	80	120			
Xylenes, Total	ND	0.10								
Ethylbenzene	ND	0.050								
Toluene	ND	0.050								
Benzene	ND	0.025								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Prep Date:	Analysis D	ate: 11	1/28/2017	8	SeqNo: 1	511605	Units: mg/K	(g		
Client ID: PBS	Batch	n ID: <b>B4</b>	7368	F	RunNo: 4	7368				
Sample ID RB	SampT	SampType: MBLK TestCode: EPA Method 8021B: Volatiles								

Batch ID: alysis Date: Result PC 0.93 0.0	11/28/20 QL SPK		SPK Ref Val	RunNo: 4 SeqNo: 1 %REC		Units: mg/K	g %RPD	RPDLimit	Qual
Result PC	L SPK	value	SPK Ref Val	%REC				RPDLimit	Qual
					LowLimit	HighLimit	%RPD	<b>RPDLimit</b>	Qual
0.93 0.0	25	1 000	0						
		1.000	0	93.2	77.3	128			
0.93 0.0	50	1.000	0	92.6	79.2	125			
0.92 0.0	50	1.000	0	92.0	80.7	127			
2.8 0.	10	3.000	0	92.6	81.6	129			
0.92		1.000		92.2	80	120			
	2.8 0.	2.8 0.10	2.8 0.10 3.000	2.8 0.10 3.000 0	2.8 0.10 3.000 0 92.6	2.8 0.10 3.000 0 92.6 81.6	2.8 0.10 3.000 0 92.6 81.6 129	2.8 0.10 3.000 0 92.6 81.6 129	2.8 0.10 3.000 0 92.6 81.6 129

Sample ID MB-35154	SampType	e: MBLK	Test	tCode: E	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch ID	35154	R	RunNo: 4	7368				
Prep Date: 11/27/2017	Analysis Date	11/28/2017	S	SeqNo: 1	511613	Units: %Red	;		
Analyte	Result F	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.89	1.000		88.7	80	120			

Sample ID LCS-35154	SampTy	pe: LC	S	Tes	Code: El	iles				
Client ID: LCSS	Batch	ID: 351	154	F	tunNo: 4	7368				
Prep Date: 11/27/2017 Analysis Date: 11/28/2017				S	eqNo: 1	511614	Units: %Red			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.94		1 000		94 1	80	120			

### Qualifiers:

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

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# Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

# Albuquerque, NM 87109 Sample Log-In Check List

Work Order Numb	er: 1711C57		RcptNo:	1
		A A.		
11/28/2017 7:00:00	AM	an Ilm	_	
	AM	anne Sham		
11/28/17				
	Yes	No 🗌	Not Present ✓	
	Yes 🗹	No 🗌	Not Present	
	Courier			
2	Ven V	No 🗆	NA 🗆	
• :	192 1	140	11. L	
re of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗆	
		🗖		
	Yes 🗸	No L		
(s)?	Yes 🗸	No 🗌		*
•	Yes 🗸	No 🗆		
	Yes	No 🗹	NA 🗆	
	_			
.*	Yes 🗌	No 🗀	No VOA Vials	
ken?	Yes -	No 🗹	# of preserved	*
	Yes 🗸	No 🗆		
	165 🖭			>12 unless noted)
of Custody?	Yes 🗹	No 🗆	Adjusted?	·
	Yes 🗹	No 🗆		
	Yes 🗸	No L	Checked by:	
this order?	Yes 🔀	No 🗆	NA DE	
distilluidos nescopezado	Market annian market annian an	THE RESERVE THE PROPERTY OF THE PARTY OF THE		]
	N .	Phone  Fax	☐ In Person	
			THE THE PERSONS	
See below				
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- 100 /000 200		-/-	A 111=8	1/17
			1 1 2 0	1 1
Seal Intact   Seal No	Seal Date	Signed By	,	
	11/28/2017 7:00:00 11/28/2017 8:56:50 11/28/17  The of >0° C to 6.0°C  (s)? The of custody?  This order?  Date Via:  Plant Decomposition of the control of the custody?	Yes V Courier  Yes V Courier  Yes V	11/28/2017 7:00:00 AM  11/28/2017 8:56:50 AM  11/28/2017 8:56:50 AM  11/28/2017  Yes	11/28/2017 7:00:00 AM 11/28/2017 8:56:50 AM 11/28/2017  Yes



