#### State of New Mexico Energy Minerals and Natural Resources

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

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

	Release Notification and Corrective Action												
			11010	ase i touin	aut	OPERAT	FOR	~UUII	Initie	al Report	$\square$	Final Report	
Name of Co	mpany: B	P America			T	Contact: Ste	ve Moskal			ii Kepoit		i mai Kepolt	
Address: 38	0 Airport	Road, Duran	go, CO 8	1303		Telephone N	No.: 505-330-91	79					
Facility Nar	ne: Hughe	s B 005A				Facility Type: Natural gas well							
Surface Ow	ner: Feder	al		Mineral C	)wner:	: Federal API No. 3004526837							
				LOCA	TIO	N OF REI	EASE						
Unit Letter Section Township Range Feet from the North						/South Line	Feet from the	East/W	/est Line	County: S	an Juar	1	
E	21	Lotitu	do 36.7	1,745	INOTU	Longituda	107 68626 °	west					
		Latitu	ue_ <u></u>	1344 NIAT			-107.06020						
Tune of Dala	agai pradua	ad watan		NAI	UKE	Volume of	LASE		Volumo	la aquiara du "	0 661		
Source of Re	lease: Suspe	ected integrity	failure of	below ground tar	nk	Date and H	lour of Occurrenc	e:	Date and	Hour of Dis	coverv	: September	
	r			8		unknown			20, 2016;	1:30 PM		P	
Was Immedia	ate Notice (	Given?	Vac [			If YES, To	Whom?						
			Yes L	No 🖾 Not Re	equired								
By Whom?	Deer	1 - 19				Date and H	our:	1	and the second				
Was a Water	course Read		Yes 🛛	No		If YES, Vo	flume Impacting t	he Wate	rcourse.	NMOC	D		
If a Watercou	irse was Im	pacted, Descri	be Fully.*	5						JUL 26	2018	}	
Describe Cau noted that the fluids from the Describe Are	BGT was the tank were a Affected a	em and Remed leaking. BP si e immediately and Cleanup A	dial Action uspects the collected	n Taken.* During at the tank had no with the vac-truck	mainte t been l k.	nance to remo leaking but occ	ve sloughed soil s curred during the ank. The tank wa	surround cellar m as remov	ling below aintenance	grade tank i activity. Sing 19.15.17	n a cel ispecte	lar, it was d leaking sampling for	
BTEX, TPH on the locatio	via 8015 an n.	d chloride ber	eath both	BGTs on site ind	icated 1	no further action	on was required.	Attached	l are the fie	eld report fo	r each	BGTs closed	
I hereby certi regulations al public health should their c or the environ federal, state,	fy that the i l operators or the envir operations h ment. In a or local law	nformation gi are required to conment. The ave failed to a ddition, NMO ws and/or regu	ven above o report an acceptance idequately CD accep ilations.	is true and comp ad/or file certain r ee of a C-141 repo investigate and r tance of a C-141	lete to t elease t ort by th emedia report o	the best of my notifications and ne NMOCD m te contaminati does not reliev	knowledge and u nd perform correc arked as "Final Re on that pose a thre e the operator of r	nderstan tive acti- eport" de eat to gro responsi	d that purs ons for rele oes not reli ound water bility for co	uant to NM eases which eve the open , surface wa ompliance w	OCD re may er rator of iter, hu vith any	ules and ndanger `liability man health ⁄ other	
Signature:	Hen M	hu					OIL CONS	SERV	ATION	DIVISIO	<u>N</u>		
Printed Name	: Steve Mo	skal				Approved by	Environmental S	pecialist	Ja	t	_		
Title: Field E	nvironment	al Coordinato	r			Approval Dat	e: 7 30/20	IS I	Expiration	Date:			
E-mail Addre	ss: steven.r	noskal@bpx.c	com			Conditions of	Approval:			Attached			
Date: July 25	5, 2018	F	hone: 505	5-330-9179			-						
Attach Addit	tional Shee	ets If Necess	ary			NIN	511.20	INK	201	()			

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reading, state, or robar land or regulations.		
Signature: Mars Mun	OIL CONSERVATION	DIVISION
Printed Name: Steve Moskal	Approved by Environmental Specialist	t.
Title: Field Environmental Coordinator	Approval Date: 7 3020 Expiration I	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	NCS 163405381	eO

4				
BP	BLAGG E	NGINEERING, INC.	7440	API #: 3004526837
CLIENT:	P.O. BOX 87, B	5) 632-1199	/413	TANK ID (if applicble):
FIELD REPORT:	(circle one): BGT CONFIRMATION /	RELEASE INVESTIGATION / OTHER	č:	PAGE #:1 of1
SITE INFORMATION	J: SITE NAME: HUGHE	S B # 5A		DATE STARTED 10/14/16
QUAD/UNIT: E SEC: 21 TWP:	29N RNG: 8W PM:	NM CNTY: SJ s	ST: NM	DATE FINISHED
1/4 -1/4/FOOTAGE: 1,745'N / 1,0	085'W SW/NW LEASE 7	YPE: FEDERAL STATE / FEE	E / INDIAN	
LEASE #. SF078046	PROD. FORMATION: MV CO	STRIKE ONTRACTOR: MBF - C. PAR	KS	SPECIALIST(S): NJV
REFERENCE POINT	F: WELL HEAD (W.H.) GPS	COORD.: 36.71317 X	107.68628	GL ELEV.: 6,449'
1) 95 BGT (DW/DB) - A	GPS COORD.: 36	.71349 X 107.68606	DISTANCE/BEAF	RING FROM W.H.: 134', S32W
2)	GPS COORD.:		DISTANCE/BEAF	RING FROM W.H.:
3)	GPS COORD.:		DISTANCE/BEAF	RING FROM W.H.:
4)	GPS COORD.:		DISTANCE/BEAF	RING FROM W.H.:
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # C	TAB USED: HALL		OVM READING (ppm)
1) SAMPLE ID: 5PC - TB @ 5' (	95) - A SAMPLE DATE: 10/14	16 SAMPLE TIME: 0925 LAB A	NALYSIS: 801	5B/8021B/300.0 (CI) NA
2) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB A	NALYSIS:	
3) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB AI	NALYSIS:	
4) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB AV	NALYSIS:	
SOIL DESCRIPTION	SOIL TYPE: SAND SILTY SAND	SILT / SILTY CLAY / CLAY / GRAVEL / O	THER	
SOIL COLOR: MODERATE TO DARK	YELLOWISH BROWN	PLASTICITY (CLAYS): NON PLASTIC / SLI	GHTLY PLASTIC / CO	DHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
COHESION (ALL OTHERS): NON COHESIVE SLIGHT	Y COHESIVE / COHESIVE / HIGHLY COHESIVE	DENSITY (COHESIVE CLAYS & SILTS	S): SOFT / FIRM / S	STIFF / VERY STIFF / HARD
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / V	VET / SATURATED / SUPER SATURATED	HC ODOR DETECTED: YES NOT EXPL	ANATION	
SAMPLE TYPE: GRAB COMPOSITE	# OF PTS. 5	ANY AREAS DISPLAYING WETNESS: Y	ES NO EXPLAN	ATION -
DISCOLORATION/STAINING OBSERVED: YES	NO EXPLANATION -			
SITE OBSERVATION	UST INTEGRITY OF EQUIPMENT	YES NO EXPLANATION -		
EQUIPMENT SET OVER RECLAIMED AREA:	YES NO EXPLANATION - 105 BBI	ANATION:	-GRADE TANK	TO BE SET ATOP BGT LOCATION.
OTHER: NMOCD OR BLM REP. NOT PRES	SENT TO WITNESS CONFIRMATION	SAMPLING.		
SOIL IMPACT DIMENSION ESTIMATION	t: NA ft. X NA	ft. X NA ft. EX	(CAVATION EST	IMATION (Cubic Yards) : NA
DEPTH TO GROUNDWATER: >100'	NEAREST WATER SOURCE: >1,000	NEAREST SURFACE WATER:	200' NMOC	D TPH CLOSURE STD: 100 ppm
SITE SKETCH	BGT Located : off on sit	e PLOT PLAN circle:	attached 0M	CALIB READ = NA DOM DE A CO
		10		CALIB GAS = NA ppm
	,	W.H.	N TIME	NA am/pm DATE: NA
	SOUND			MISCELL NOTES
SEP	ARATOR WALLS		w	0.
		COMPRESSOR	R	EF #: P - 741
		]	V	D: VHIXONEVB2
			P	J #:
FENCE	F	(95) PBGTL	Pe	ermit date(s): 06/09/10
		.B. ~ 5' B.G.	O	CD Appr. date(s): 10/13/16
			ID	ppm = parts per million
	BERM	V		BGT Sidewalls Visible: Y / N
			S.P.D.	BGT Sidewalls Visible: Y / N
T.B. = TANK BOTTOM; PBGTL = PREVIOUS BE APPLICABLE OR NOT AVAILABLE; SW-SING	LOW-GRADE TANK LOCATION; SPD = SAMPLE F LOW-GRADE TANK LOCATION; SPD = SAMPLE F LE WALL; DW - DOUBLE WALL; SB - SINGLE BOT	<pre>&gt;</pre>	NA-NOT	agnetic declination: 10° E
NOTES: GOOGLE EARTH IMAG	ERY DATE: 3/16/2016.	ONSITE: 10/14/16		

<b>Analytical Report</b>	
Lab Order 1610736	
Date Reported: 10/18/201	6

# Hall Environmental Analysis Laboratory, Inc.

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Analyses		Result	PQL	Qual	Units	DF Date Analyzed	Batch
Lab ID:	1610736-001	Matrix:	MEOH (Se	OIL)	Receive	d Date: 10/15/2016 1:15:00 PM	
<b>Project:</b>	Hughes B 5A				Collectio	n Date: 10/14/2016 9:25:00 AM	
CLIENT:	Blagg Engineering			C	lient Sam	ple ID: 5PC-TB @ 5'(95)-A	

			and the second division of the second divisio	and the second se	
EPA METHOD 300.0: ANIONS	ND	20	malka	20	Analyst: LGT
Chionde	ND	30	myrky	20	10/17/2010 12.55.59 FW 20100
EPA METHOD 8015M/D: DIESEL RANGE	ORGANIC	S			Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/17/2016 10:47:08 AM 28084
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/17/2016 10:47:08 AM 28084
Surr: DNOP	99.4	70-130	%Rec	1	10/17/2016 10:47:08 AM 28084
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	10/17/2016 11:13:47 AM 28066
Surr: BFB	86.1	68.3-144	%Rec	1	10/17/2016 11:13:47 AM 28066
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.020	mg/Kg	1	10/17/2016 11:13:47 AM 28066
Toluene	ND	0.039	mg/Kg	1	10/17/2016 11:13:47 AM 28066
Ethylbenzene	ND	0.039	mg/Kg	1	10/17/2016 11:13:47 AM 28066
Xylenes, Total	ND	0.079	mg/Kg	1	10/17/2016 11:13:47 AM 28066
Surr: 4-Bromofluorobenzene	97.4	80-120	%Rec	1	10/17/2016 11:13:47 AM 28066

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	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 6
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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Client:	BLAG	G ENGR.	/ BP AMERICA	Standard	🗹 Rush _	DAY				A	N	AL	YS	SIS	5 L	A	BO	RA	T	)R	Y	
				Project Name		and the second				1	www	v.ha	llen	viro	nme	enta	l.cor	n				
Mailing A	ddress:	P.O. BO	X 87	F	UGHES B	# 5A		49	01 H	lawki	ns N	1E -	Alt	buqu	lerq	ue, l	NM	8710	9			
Real and a constrained of the second second	undellectifettelleren erdenenenenenen	BLOOM	FIELD, NM 87413	Project #:				Tel. 505-345-3975 Fax 505-345-4107														
Phone #:	and all an an a lot of a send that it area a property	(505) 63	2-1199	1								A	naly	sis	Red	ques	st					
email or F	mail or Fax#:		Project Manag	ger:									4)				(1.0		T	T		
QA/QC Pa	QA/QC Package:				NELSON VI	FI F7	18)	lty)	RO)					4,SO	CB's			- 300				
Standa	ard		Level 4 (Full Validation)			har Ren Ren film	802	as or	V V			VIS)		Od	2 P(			ater			e	
Accreditat	ion:			Sampler:	NELSON VI	ELEZ nr	-Si	1 (6	DRO	(I	F	OSIP		NO <sub>2</sub>	808			M/0		1	amp	_
	)	□ Other		On Ice:	Z Yes	<u>Þ</u> No	1	TPH	10	418	204	827	s	3,	es /		(YO	300.(			tes	or N
	ype)	1		Sample Temp	erature: 2/,2	1	L.	BE +	(GR	poc	por	o	etal	CLA	icid	(A)	V-in	- lio		ple	isoc	Z
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX + MT	BTEX + MT	TPH 8015B	TPH (Met)	EDB (Met)	PAH (831(	RCRA 8 M	Anions (F,	8081 Pest	8260B (VC	8270 (Sen	Chloride (s	,	Grab sam	5 pt. comp	Air Bubble
10/14/16	0925	SOIL	5PC - TB @ 5' (95) - A	4 oz 1	Cool	-001	V		V									٧			V	
																					T	
10/14/10	0915	SOIL	5PG TD @ 64 (21) D	402. 1	Cool	-000	4		V			-									4	
			94.45								+	+							+	+	+	
	43											-+						$\rightarrow$	-+-	+	+	
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	12.5000 BLQ.11.50										_	-+							+	+	+	_
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Date:	Time:	Relinquisbe	edyby:	Received by:	<u> </u>	Date Time	Ren	narks	5:	BILL D	RECT	LY TO	D BP L	JSING	5 THE	CIRCL	.ED CC	DNTAC	TWIT	 1		-
19/14/16	1810	911	my	1/ haint	In Labol	10/11/1 1810				CORRE	SPON	NDING	G VID	& RE	FERE	NCE #	WHE	N APP	LICAB	<u>.E;</u>		
Date:	Time:	Relinquishe	ed by:	Received by:	we way	Date Time		١	VID:	Vai VHI	nce I		12	Ste	eve l IOSA		Kal FC	JO		IChie		
Dulu	7014	R	Mut 1 Drolon	VA	AX int	5/10 13/5	Refe	erend	ce #	VIII	P - 7	41	-	V IV	.050		20	VIN	11011	91 L C		
11411	011	1101	VALL PULLE		10.5 /1/1		1			A		and a strength of the strength		-		and the second se		and the second s	Concession of the local division of the loca	Concession of the local division of the loca		

Client:	Blagg Engineering
Project:	Hughes B 5A

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Sample ID MB-28108	SampType: MBLK	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 28108	RunNo: 38011		
Prep Date: 10/17/2016	Analysis Date: 10/17/2016	SeqNo: 1184848	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 15			
	110			
Sample ID LCS-28108	SampType: LCS	TestCode: EPA Method	300.0: Anions	
Sample ID LCS-28108 Client ID: LCSS	SampType: LCS Batch ID: 28108	TestCode: EPA Method RunNo: 38011	300.0: Anions	
Sample ID LCS-28108 Client ID: LCSS Prep Date: 10/17/2016	SampType: LCS Batch ID: 28108 Analysis Date: 10/17/2016	TestCode: EPA Method RunNo: 38011 SeqNo: 1184849	300.0: Anions Units: mg/Kg	
Sample ID LCS-28108 Client ID: LCSS Prep Date: 10/17/2016 Analyte	SampType: LCS Batch ID: 28108 Analysis Date: 10/17/2016 Result PQL SPK value	TestCode: <b>EPA Method</b> RunNo: <b>38011</b> SeqNo: <b>1184849</b> SPK Ref Val %REC LowLimit	<b>300.0: Anions</b> Units: <b>mg/Kg</b> HighLimit %RPD	RPDLimit Qual

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- 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#: 1610736 18-Oct-16

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WO#: 1610736

18-Oct-16

Client:	Blagg E	Engineering								
Project:	Hughes	B 5A								
Sample ID	LCS-28084	SampType:	LCS	Test	Code: EP/	A Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch ID:	28084	R	unNo: 379	981				
Prep Date:	10/17/2016	Analysis Date:	10/17/2016	S	eqNo: 118	83848	Units: mg/K	g		
Analyte		Result PO	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	50	10 50.00	0	100	62.6	124			
Surr: DNOP		4.6	5.000		91.8	70	130			
Sample ID	MB-28084	SampType:	MBLK	Test	Code: EP/	A Method	8015M/D: Die	sel Range	• Organics	
Client ID:	PBS	Batch ID:	28084	R	unNo: 379	981				
Prep Date:	10/17/2016	Analysis Date:	10/17/2016	S	eqNo: 118	83849	Units: mg/Kg	9		
Analyte		Result PO	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10							
Motor Oil Range	e Organics (MRO)	ND	50							
Surr: DNOP		9.9	10.00		98.8	70	130			
Sample ID	MB-28076	SampType:	MBLK	Test	Code: EP/	A Method	8015M/D: Die	sel Range	• Organics	
Client ID:	PBS	Batch ID:	28076	R	unNo: 379	981				
Prep Date:	10/14/2016	Analysis Date:	10/17/2016	S	eqNo: 118	34449	Units: %Rec			
Analyte		Result PO	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		8.6	10.00		85.7	70	130			

**Qualifiers:** 

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- Holding times for preparation or analysis exceeded Н
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WO#:	1610730	5

18-Oct-16

Client: B	lagg Engineering									
Project: H	ughes B 5A									
Sample ID MB-28066	SampTy	pe: ME	BLK	Tes	tCode: El	PA Method	8015D: Gase	oline Rang	e	
Client ID: PBS	Batch	ID: 28	066	F	RunNo: 3	7988				
Prep Date: 10/14/20	16 Analysis Da	te: 10	0/17/2016	5	SeqNo: 1	184548	Units: mg/l	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (	RO) ND	5.0								
Surr: BFB	810		1000		81.3	68.3	144			
Sample ID LCS-2806	6 SampTy	pe: LC	S	Tes	tCode: El	PA Method	8015D: Gase	oline Rang	6	gi kan magi taga ketan manyak gitan termen da tako keta
Client ID: LCSS	Batch	ID: 28	066	F	RunNo: 3	7988				
Prep Date: 10/14/20	16 Analysis Da	te: 10	0/17/2016	S	eqNo: 1	184549	Units: mg/l	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (	(RO) 26	5.0	25.00	0	103	74.6	123			
Surr: BFB	890		1000		89.4	68.3	144			

Qualifiers:

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Client: Blagg Engineering

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Project: Hughes B 5A

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Sample ID MB-28066	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 28	066	F	RunNo: 3	7988				
Prep Date: 10/14/2016	Analysis [	Date: 10	)/17/2016	S	SeqNo: 1	184561	Units: mg/k	۲g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025			den and an and an an and a start of the	an an the galaxy and a second second second				and a second starting of the second starting of the
Toluene	ND	0.050								
Thulles	ND	0.050								
Etnyibenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		94.8	80	120			
Sample ID LCS-28066	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		an depistor of formation and a dealers of
Client ID: LCSS	Batc	h ID: 28	066	F	RunNo: 3	7988				
Prep Date: 10/14/2016	Analysis [	Date: 10	0/17/2016	S	SeqNo: 1	184562	Units: mg/k	۲g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.6	75.2	115			
Toluene	0.96	0.050	1.000	0	96.1	80.7	112			
Ethylbenzene	0.99	0.050	1.000	0	98.6	78.9	117			
Yvlenes Total	2.9	0.10	3 000	0	07.0	70.2	115			
AVIGUGA, LUIGI	6 I	0.10	0.000	0	31.3	13/				

Qualifiers:

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
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- W Sample container temperature is out of limit as specified

have quantitation range

a limits

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental A Albuq TEL: 505-345-3975 I Website: www.hali	nalysi. 4901 querque FAX: 5 lenviro	s Laboratory Hawkins NE 2, NM 87105 05-345-4107 nmental.com	Sam	ple Log-In C	heck List
Client Name: BLAGG	Work Order Number:	16107	36		RcptNo:	1
Received by/date:	10/15/16		600 E H <b>R</b>			
Logged By: Lindsay Mangin	10/15/2016 1:15:00 PM		0	trouby HedgeD		
Completed By: Lindsay Mangin	10/15/2016 2:10:50 PM		0	timeday Hongo		
Reviewed By: As 10/17/14						
Chain of Custody						
1. Custody seals intact on sample bottles?		Yes		No 🗌	Not Present 🕢	
2. Is Chain of Custody complete?		Yes		No 🗌	Not Present	
3. How was the sample delivered?		Cour	er			
l og In						
<ol> <li>Was an attempt made to cool the samples</li> </ol>	?	Yes		No 🗌		
5. Were all samples received at a temperatur	e of >0° C to 6.0°C	Yes		No 🗌		
6. Sample(s) in proper container(s)?		Yes		No 🗌		
7. Sufficient sample volume for indicated test	(s)?	Yes		No 🗌		
8. Are samples (except VOA and ONG) prope	erly preserved?	Yes		No 🗌		
9. Was preservative added to bottles?		Yes		No 🕢	NA 🗌	
10.VOA vials have zero headspace?		Yes		No 🗌	No VOA Vials 🗑	
11. Were any sample containers received brok	ken?	Yes		No 🕢	# of preserved bottles checked	
12.Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No 🗌	for pH: (<2 c	or >12 unless noted
13. Are matrices correctly identified on Chain of	of Custody?	Yes		No 🗌	Adjusted?	
14. Is it clear what analyses were requested?		Yes		No 🗌	Ob a cloud bury	
15.Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No	Checked by:	
Special Handling (if applicable)						
16. Was client notified of all discrepancies with	this order?	Yes		No 🗌	NA 🕢	
Person Notified:	Date:		a latent and a second state of the second	an and a set of a south and that		
By Whom:	Via:	eMa	il 🗌 Phon	e 🗌 Fax	In Person	
Regarding:					na n	
Client Instructions:						
17. Additional remarks:						E. C.
18. <u>Cooler Information</u> Cooler No Temp °C Condition S	Seal Intact Seal No S	eal Da	ate Sig	ned By		
1 4.4 Good Ye	BS					
Page 1 of 1	a	- 12 - T	ta Kali I a 194			

CLIENT: BP	BLAGG ENGIN P.O. BOX 87, BLOOM (505) 63	EERING, INC. MFIELD, NM 87413 2-1199	API #:	37
FIELD REPORT:	(circle one): BGT CONFIRMATION / RELEASE	EINVESTIGATION / OTHER:	PAGE #:1 of	1
SITE INFORMATION	SITE NAME: HUGHES B	# 5A	DATE STARTED: 10/14	16
QUAD/UNIT: E SEC: 21 TWP:	29N RNG: 8W PM: NM	CNTY: SJ ST: N	DATE FINISHED:	
1/4 -1/4/FOOTAGE: 1,745'N / 1,0	85'W SW/NW LEASE TYPE: F	EDERAL / STATE / FEE / INDIAN	ENVIRONMENTAL	
LEASE #: SF078046	PROD. FORMATION: MV CONTRACT	STRIKE	SPECIALIST(S): NJV	
<b>REFERENCE POINT</b>	WELL HEAD (W.H.) GPS COORD	36.71317 X 107.686	6,44 GL ELEV.: 6,44	19'
1) 21 BGT (SW/DB) - B	GPS COORD.: 36.71325	X 107.68591 DISTANC	CE/BEARING FROM W.H.: 101', S32	2E
2)	GPS COORD.:	DISTANO	CE/BEARING FROM W.H.:	
3)	GPS COORD.:	DISTAN	CE/BEARING FROM W.H.:	
4)	GPS COORD.:	DISTANC	CE/BEARING FROM W.H.:	
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LAB USF	ED: HALL	R	OVM EADING (ppm)
1) SAMPLE ID: 5PC - TB @ 6' (2	1) - B SAMPLE DATE:10/14/16 SA	MPLE TIME: LAB ANALYSIS:	8015B/8021B/300.0 (CI)	NA
2) SAMPLE ID:	SAMPLE DATE: SA	MPLE TIME: LAB ANALYSIS:		
3) SAMPLE ID:	SAMPLE DATE: SA	MPLE TIME: LAB ANALYSIS:		
	SAMPLE DATE: 54	WIPLE TIME: LAB ANALYSIS:		
SOIL DESCRIPTION	SOIL TYPE: SAND SILTY SAND SILT / SILT /	( CLAY / CLAY / GRAVEL / OTHER	TIC / COHESIVE / MEDIUM PLASTIC / HIGHLY F	PLASTIC
COHESION (ALL OTHERS): NON COHESIVE SLIGHTL'	COHESIVE / COHESIVE / HIGHLY COHESIVE DENSITY	(COHESIVE CLAYS & SILTS): SOFT / F	IRM / STIFF / VERY STIFF / HARD	
CONSISTENCY (NON COHESIVE SOILS):	OSE FIRM DENSE / VERY DENSE HC ODOR	DETECTED: YES NO EXPLANATION -		
SAMPLE TYPE: GRAB COMPOSITE #	OF PTS. 5 ANY ARE/	AS DISPLAYING WETNESS YES NO F	XPI ANATION -	
DISCOLORATION/STAINING OBSERVED: YES				
SITE OBSERVATION	S: LOST INTEGRITY OF EQUIPMENT: YES NO	EXPLANATION -		
APPARENT EVIDENCE OF A RELEASE OBSERVE	AND/OR OCCURRED : YES NO EXPLANATION:			
EQUIPMENT SET OVER RECLAIMED AREA: OTHER: NMOCD OR BLM REP. NOT PRES	A STATES AND EXPLANATION -	IG.		
SOIL IMPACT DIMENSION ESTIMATION:	<u>NA</u> ft. X <u>NA</u> ft. X	NA ft. EXCAVATION	N ESTIMATION (Cubic Yards) : 100	
SITE SKETCH		SI SURFACE WATER	NWOOD IPH CLOSORE STD	ppm
SHE ORLIGH	BGT Located . OIT OIT Site	2UTPLAN circle: attached	JOVM CALIB. READ. = NA ppm	RF =0.52
	ТО		VVM GALIB, GAS = <u>NA</u> ppin	
	W.H.			
			IVIISCELL. INOTE	3
			WU: DEE #: D_7/1	
	PROD.		VID: VHIXONEVR2	
	BGTL TANK		PJ#:	
	B.G.		Permit date(s): 06/09/1	0
	STEEL		OCD Appr. date(s): 10/13/1	6
	WOODEN RING	ENI	Tank         OVM = Organic Vapor Meter           ID         ppm = parts per million	
	K.W.		B BGT Sidewalls Visible: (Y) N	
		X - S.P.D.	BGT Sidewalls Visible: Y / N	
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATIO T.B. = TANK BOTTOM; PBGTL = PREVIOUS BEL APPLICABLE OD NOT AVAILABLE: SIM SIMON	N DEPRESSION; B.G. = BELOW GRADE; B = BELOW, T.H. = W-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIG WALL: DW., DOLINE E WALL: SB., SINGLE POTTOM, DR. D.	TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; NATION; R.W. = RETAINING WALL; NA - NOT DUBLE BOTTOM	Magnetic declination: 10°	E
NOTES: GOOGLE EARTH IMAG	ERY DATE: 3/16/2016.	ONSITE: 10/14/16		
				Distance Alterna

<b>Analytical Report</b>
Lab Order 1610736
Date Reported: 10/18/2016

#### Hall Environmental Analysis Laboratory, Inc.

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			MEOII (SOIL)			
Lab ID: 10	610736-002	Matrix:	MEOH (SOIL)	Received	Date: 10/15/2016 1:15:00 PM	
Project: H	lughes B 5A			Collection	Date: 10/14/2016 9:15:00 AM	
<b>CLIENT:</b> B	Blagg Engineering		C	lient Samp	le ID: 5PC-TB @ 6'(21)-B	

Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	ND	30	mg/Kg	20	10/17/2016 1:10:52 PM	1 28108
EPA METHOD 8015M/D: DIESEL RANGE	ORGANIC	s			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/17/2016 11:08:37 A	M 28084
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/17/2016 11:08:37 A	M 28084
Surr: DNOP	97.4	70-130	%Rec	1	10/17/2016 11:08:37 A	M 28084
EPA METHOD 8015D: GASOLINE RANGE	Ξ				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	10/17/2016 11:37:18 A	M 28066
Surr: BFB	83.4	68.3-144	%Rec	1	10/17/2016 11:37:18 A	M 28066
EPA METHOD 8021B: VOLATILES					Analys	I: NSB
Benzene	ND	0.021	mg/Kg	1	10/17/2016 11:37:18 A	M 28066
Toluene	ND	0.042	mg/Kg	1	10/17/2016 11:37:18 A	M 28066
Ethylbenzene	ND	0.042	mg/Kg	1	10/17/2016 11:37:18 A	M 28066
Xylenes, Total	ND	0.083	mg/Kg	1	10/17/2016 11:37:18 A	M 28066
Surr: 4-Bromofluorobenzene	95.9	80-120	%Rec	1	10/17/2016 11:37:18 A	M 28066

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	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 2 of 6
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Cł	nain-c	of-Cus	stody Record	Turn-Around	Time:	SAME	L			н	ALI	LE	N	/16	RO	N	E	Т	AL	_
Client:	BLAG	G ENGR.	/ BP AMERICA	Standard	Rush_	DAY		1001-00 10.000		A	NA	LY	SI	S L		BO	R/	TC	R	Y
		4-9-4-14-90-14-14-14-14-14-14-14-14-14-14-14-14-14-		Project Name		And a second				v	ww.	halle	nviro	onm	enta	l.coi	n			
Mailing A	ddress:	P.O. BO	X 87	F	<b>UGHES B</b>	# 5A		49	01⊦	lawki	ns NE	- A	buq	uerc	que,	NM	8710	19		
Barran and a state of the second s	ayada da di kadi kasa wata di yang kang sa sa s	BLOOM	FIELD, NM 87413	Project #:				Te	el. 50	)5-34	5-397	5	Fax	505	-345	5-410	)7			
Phone #:		(505) 63	2-1199	1			CE SUL		and a			Ana	lysis	Re	que	st	-			
email or F	ax#:			Project Manag	ger:							Т	04)				0.1)	T	Τ	
QA/QC Par Standa	ckage: ard		Level 4 (Full Validation)		NELSON VI	ELEZ	80218)	is only)	/ MRO		151		PO4,SC	2 PCB's			ater - 30			e
Accreditat	ion:			Sampler:	NELSON VI	ELEZ nr	-See	4 (Ga	DRO	.1)	(TT)		NO2	808			w/0			amp
	)	□ Other		On Ice:	Z Yes	₽ No	Ŧ	Hd1 +	108	418	827	s	V03,	es /		(OA)	300.			or N
	ype)	I		Sample Temp	erature: 24,2	1	H	TBE -	3 (GI	hod	0 01	leta	,cl,r	ticid	(YO)	ni-V	- lios		ple	y) se
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX + M	BTEX + M	<b>TPH 8015</b>	TPH (Met	PAH (831	RCRA 8 N	Anions (F	8081 Pes	8260B (V	8270 (Ser	Chloride (		Grab sam	5 pt. com Air Bubble
10/14/10	0923	SOIL	5PC TB @ 51 (05) A	401. 1	Cool		*		-			-	-		-		~			*
												1						1		+
10/14/16	0915	SOIL	5PC - TB @ 6' (21) - B	4 oz 1	Cool	-002	V		٧								V			V
												$\downarrow$	1							
analogi anti sugara da anti sugara da anti	and the second secon																			
Date: 13/14/16	Time:	Relinquishe	my	Received by:	TALABOLA	Date Time	Ren	narks	5:		SPOND	TO BP	USIN D & R	G THE	CIRCI	LED CO	N APP	LICAB	<u>1</u> LE; tchic	
Date:	Time: ZDIV	Relinquishe	ALATIDRO MA	Received by:	AX IN	Date Time	Ref	eren	VID: ce #	VHI	(ONE - 74:	VB2	VN	NOS	6HQF	EC	VF	ITCIV	VFEC	
Trylo	f necessary,	samples sub	mitted to Hall Environmental may be su	bcontracted to other a	accredited laboratorie	es. This serves as notice of	f this	possib	oility.	Any sub	contrac	ted da	ta will	be cle	arly n	otated	on the	analyti	cal re	port.

**Client: Blagg** Engineering **Project:** Hughes B 5A

Sample ID MB-28108	SampType: MBLK TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 28108 RunNo: 38011
Prep Date: 10/17/2016	Analysis Date: 10/17/2016 SeqNo: 1184848 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND 1.5
Sample ID LCS-28108	SampType: LCS TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 28108 RunNo: 38011
Prep Date: 10/17/2016	Analysis Date: 10/17/2016 SeqNo: 1184849 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14 15 1500 0 932 90 110

WO#:

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1610736

18-Oct-16

Qualifiers:

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

Analyte detected in the associated Method Blank

WO#: 1610736

18-Oct-16

Client: Project:	Blagg E Hughes	ngineering B 5A								
	Bires									
Sample ID	LCS-28084	SampType: L	.CS	Test	tCode: E	PA Method	8015M/D: Die	sel Rang	e Organics	
Client ID:	LCSS	Batch ID: 2	8084	R	RunNo: 3	7981				
Prep Date:	10/17/2016	Analysis Date:	10/17/2016	S	SeqNo: 1	183848	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	50 10	0 50.00	0	100	62.6	124			
Surr: DNOP		4.6	5.000		91.8	70	130			
Sample ID	MB-28084	SampType: N	IBLK	Test	tCode: E	PA Method	8015M/D: Die	sel Rang	e Organics	
Client ID:	PBS	Batch ID: 2	8084	R	RunNo: 3	7981				
Prep Date:	10/17/2016	Analysis Date:	10/17/2016	S	SeqNo: 1	183849	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	ND 10	0							
Motor Oil Rang	e Organics (MRO)	ND 50	0							
Surr: DNOP		9.9	10.00		98.8	70	130			
Sample ID	MB-28076	SampType: N	IBLK	Test	tCode: E	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	PBS	Batch ID: 2	8076	R	RunNo: 3	7981				
Prep Date:	10/14/2016	Analysis Date:	10/17/2016	S	eqNo: 1	184449	Units: %Rec			
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		8.6	10.00		85.7	70	130			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified
- Page 4 of 6
- ot In Range

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Sample ID MB-28066	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	9	
Client ID: PBS	Batch	n ID: 28	066	F	RunNo: 3	7988				
Prep Date: 10/14/2016	Analysis D	Date: 10	0/17/2016	S	SeqNo: 1	184548	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	810		1000		81.3	68.3	144			
the second s		and the second designed in the second s	the second se	the second state of the se	and the second states in the second states and the second states and the second states are set of the second states and the second states are set of the second states are second states are set of the second states are second states are set of the second states are s	and the second se	the second s	in a second subscription of the low production of the low producti	And in contrast, where the second secon	COMPANY OF THE OWNER OWN
Sample ID LCS-28066	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	9	
Sample ID LCS-28066 Client ID: LCSS	Samp1 Batcl	ype: LC	:S 066	Tes	tCode: El RunNo: 3	PA Method 7988	8015D: Gaso	oline Rang	9	
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016	SampT Batcl Analysis D	ype: LC n ID: 28 Date: 10	S 066 0/17/2016	Tes F S	tCode: El RunNo: 3 SeqNo: 1	PA Method 7988 184549	8015D: Gaso Units: mg/F	bline Rang	9	
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016 Analyte	SampT Batcl Analysis D Result	ype: LC n ID: 28 Date: 10 PQL	S 066 0/17/2016 SPK value	Tes F S SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 7988 184549 LowLimit	8015D: Gaso Units: mg/F HighLimit	bline Rang Kg %RPD	e RPDLimit	Qual
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016 Analyte Gasoline Range Organics (GRO)	SampT Batcl Analysis D Result 26	ype: LC n ID: 28 Date: 10 PQL 5.0	S 066 0/17/2016 SPK value 25.00	Tes F S SPK Ref Val 0	tCode: El RunNo: 3 SeqNo: 1 %REC 103	PA Method 7988 184549 LowLimit 74.6	8015D: Gaso Units: mg/P HighLimit 123	oline Rang Kg %RPD	e RPDLimit	Qual

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- 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#: 1610736 18-Oct-16

Client: Blagg Engineering

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Project: Hughes B 5A

products of the sublement of the	And the second	and the second second second second second					other searcher best of the second section of the			the sub-traction of the su
Sample ID MB-28066	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 28066			RunNo: 37988						
Prep Date: 10/14/2016	Analysis Date: 10/17/2016			S	SeqNo: 1	184561	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025							alan ya kanan ana ana ana kana ana ya kana	
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr A Bromofluorohonzono	0.95		1 000		94.8	80	120			
Sull. 4-BIOINOIQUIODENZENE	0.00		1.000		04.0	00	120			
Sample ID LCS-28066	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Sample ID LCS-28066 Client ID: LCSS	Samp <sup>¬</sup> Batc	Гуре: LC h ID: 28	S 066	Tes	tCode: El	PA Method 7988	8021B: Volat	iles		
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016	Samp Batc Analysis [	Type: LC h ID: 28 Date: 10	S 066 0/17/2016	Tes F S	Code: El RunNo: 3 GeqNo: 1	PA Method 7988 184562	8021B: Volat	iles g		
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016 Analyte	Samp Batc Analysis [ Result	Гуре: <b>LC</b> h ID: <b>28</b> Date: <b>10</b> PQL	S 066 0/17/2016 SPK value	Tes F S SPK Ref Val	Code: El RunNo: 3 SeqNo: 1 %REC	PA Method 7988 184562 LowLimit	8021B: Volat Units: mg/K HighLimit	iles g %RPD	RPDLimit	Qual
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016 Analyte Benzene	Samp Batc Analysis I Result 0.93	Fype: LC h ID: 28 Date: 10 PQL 0.025	S 066 0/17/2016 SPK value 1.000	Tesi F S SPK Ref Val 0	Code: El RunNo: 3 GeqNo: 1 %REC 92.6	PA Method 7988 184562 LowLimit 75.2	8021B: Volat Units: mg/K HighLimit 115	iles g %RPD	RPDLimit	Qual
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016 Analyte Benzene Toluene	Samp Batc Analysis E Result 0.93 0.96	Fype: LC h ID: 28 Date: 10 PQL 0.025 0.050	S 066 0/17/2016 SPK value 1.000 1.000	Tes F S SPK Ref Val 0 0	Code: El RunNo: 3 SeqNo: 1 %REC 92.6 96.1	PA Method 7988 184562 LowLimit 75.2 80.7	Units: mg/K HighLimit 115 112	iles g %RPD	RPDLimit	Qual
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016 Analyte Benzene Toluene Ethylbenzene	Samp Batc Analysis I Result 0.93 0.96 0.99	Fype: LC h ID: 28 Date: 10 PQL 0.025 0.050 0.050	S 066 0/17/2016 SPK value 1.000 1.000 1.000	Tes F SPK Ref Val 0 0 0 0	Code: El RunNo: 3 SeqNo: 1 %REC 92.6 96.1 98.6	PA Method 7988 184562 LowLimit 75.2 80.7 78.9	8021B: Volat Units: mg/K HighLimit 115 112 117	iles g %RPD	RPDLimit	Qual
Sample ID LCS-28066 Client ID: LCSS Prep Date: 10/14/2016 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Samp Batc Analysis I Result 0.93 0.96 0.99 2.9	Fype: LC h ID: 280 Date: 10 PQL 0.025 0.050 0.050 0.10	S 066 0/17/2016 SPK value 1.000 1.000 3.000	Tesi F SPK Ref Val 0 0 0 0 0	Code: El RunNo: 3 SeqNo: 1 %REC 92.6 96.1 98.6 97.9	PA Method 7988 184562 LowLimit 75.2 80.7 78.9 79.2	8021B: Volat Units: mg/K HighLimit 115 112 117 115	iles g %RPD	RPDLimit	Qual

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- 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#: 1610736 18-Oct-16

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental A Albua TEL: 505-345-3975 I Website: www.hali	s Laborat Hawkins e, NM 87 05-345-4 nmental.c	NE 105 107 com	Sample Log-In Check List			
Client Name: BLAGG	Work Order Number:	'36		RcptNo: 1			
Received by/date:	10/15/16					K 1	
Logged By: Lindsay Mangin	10/15/2016 1:15:00 PM			Juney Hango			
Completed By: Lindsay Mangin	10/15/2016 2:10:50 PM			And Hogo			
Reviewed By: AS 1017114							
Chain of Custody	ALAN IN CAR A DALLY A DOT A DOT					e ann cean a b	
1. Custody seals intact on sample bottles?		Yes		No 🗌	Not Present 🕢		
2. Is Chain of Custody complete?		Yes		No 🗌	Not Present		
3. How was the sample delivered?			ier				
Log In							
<ol> <li>Was an attempt made to cool the samples</li> </ol>	\$?	Yes		No 🗌			
5. Were all samples received at a temperatur	re of >0° C to 6.0°C	Yes		No 🗌			
6. Sample(s) in proper container(s)?		Yes		No 🗌			
7. Sufficient sample volume for indicated test	:(s)?	Yes		No 🗌			
8. Are samples (except VOA and ONG) prope	erly preserved?	Yes		No 🗌			
9. Was preservative added to bottles?		Yes		No 🕢	NA		
10.VOA vials have zero headspace?		Yes		No 🗌	No VOA Vials 🕷		
11. Were any sample containers received brol	ken?	Yes		No 🖈	# of preserved		
12.Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No 🗆	for pH: (<2	or >12 unless noted)	
13. Are matrices correctly identified on Chain of Custody?				No 🗌	Adjusted?		
14. Is it clear what analyses were requested?				No 🗌			
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No 🗌	Checked by:		
Special Handling (if applicable)							
16. Was client notified of all discrepancies with	this order?	Yes		No 🗌	NA 🕢		
Person Notified:	Date:	telana are			on an	-	
By Whom:	Via:	eMa	il 🗌 P	hone 🗌 Fax	In Person		
Regarding:					LANGKATAR (GLANDE AZM-CALABARA AKANDE AZ		
Client Instructions:							
17. Additional remarks:				o oo uu aaammahaa kataa ta		0.00	
18. Cooler Information							
Cooler No Temp °C Condition	Seal Intact Seal No S	eal D	ate	Signed By			
1 4.4 Good Y	<b>es</b>						