							/					
District I 1625 N. French District II	Dr., Hobbs,	NM 88240				New Mex and Natura	ico R 1 Resources	ECE	IVE			orm C-141 igust 8, 2011
811 S. First St.,	Artesia, NM	88210						1	1			
District III 1000 Rio Brazo	s Road, Azte	c, NM 87410				vation Div	vision	MARCH	nit 2 Hopy	to appropria cordance wit	te Distri h 19.15.	ct Office in 29 NMAC.
District IV 1220 S. St. Fran	cis Dr. Sant	a Fe. NM 87505	5			St. Franc		ALL .	AN.			
					No. of Concession, Name	e, NM 875		NM	Contraction of the second second second			
			Rele	ease Notific	eation	and Co	orrective B	ction	ICT I I			
						OPERA		-	🔲 Initia	al Report	F F	inal Report
Name of Co				07401		Contact: Je		170				
Facility Nat		Court, Farm	ington, N	IVI 8/401		A	No. (505) 326-9 be: Natural Gas					
							e. Haturai Gas	vv en				
Surface Ow	mer: Feder	al		Mineral C)wner:	Federal			API No	. 30045300)59	_
						OF REI	LEASE					
Unit Letter	Section 26	Township 31N	Range 10W	Feet from the	North/ South	South Line	Feet from the 690	East/W East	Vest Line	County San Juan		
1	20	5111	10 w	1,865	South		090	East		Sall Juan		
		Latit	ude	36.867573		Longitud	e 107.8456	27				
		Latit	uue			_ 0		21				•
TT CD 1	0 1			NAT	URE	OF REL			XZ-1)l. NI		
Type of Rele Source of Re		obl production	ı tank				Release: unknow			Recovered: N Hour of Disc		/29/2011
		*				unknown			11:00 AN			
Was Immedia	ate Notice (Ves 🛛	No 🗌 Not Re	auired	If YES, To	Whom?					
By Whom?					quireu	Date and H	lour					
Was a Water	course Read	ched?					olume Impacting	the Wate	rcourse.			
			Yes 🛛	No								
If a Watercou	urse was Im	pacted, Descr	ibe Fully.*	¢								
discovered ar attempted bu treatment. B	nd impacted t was limite oreholes we	d soils beneath ed to 14 feet du ere drilled and	the tank vue to the samples v	n Taken.* While were observed wh andy soil. Impact were taken to dete extent. Boreholes	en the ta ed soil r rmine th	nk was remo emoved durin e vertical and	ved. Excavation ng the excavation d lateral extent of	to deterr (152 yd the soil	nine the ex ³) was tran impacts. I	ttent of the in sported to a l nitial results	npacts w andfarm showed i	as for impacts to
of the release 30 feet depth recently drill- resulted in TI diagram, bore	e area and in and a blow ed between PH values b ehole diagra	n the boreholes yer was connect the air introdu- below 100 ppn ams, and the C	s drilled at cted to the uction ven n, which is C-138.	ten.* Due to the of the perimeter to be central vent well t well and a perime the cleanup stand	utilize a to move leter ven lard for	soil vapor ex air through t t well to take this site. Att	traction (SVE) sy he impacted soil. composite soil sa ached is a remedi	At the r amples. ation sur	remediation request of I Soil analys mmary with	on. The vent NMOCD two ses of those c h soil analysi	wells we borehol omposite s data, si	ere set to es were e samples ite
regulations a public health should their o or the environ	ll operators or the envi operations h nment. In a	are required t ronment. The nave failed to a	o report and e acceptance adequately OCD accep	e is true and comp nd/or file certain r ce of a C-141 repo v investigate and r otance of a C-141	elease no ort by the emediate	otifications a e NMOCD m e contaminati	nd perform correct arked as "Final R on that pose a thr	ctive acti leport" d reat to gr	ons for rel oes not rel ound wate	eases which n ieve the opera r, surface wat	nay enda ator of li er, huma	anger ability an health
0		0					OIL CON	SERV	ATION	DIVISIO	NA	16
Signature:	sfo	Pase	2			A	Engline mental Q	un esta li at	//	my	1	- 4)
Printed Nam	e: Jeff Peac	e				Approved by	Environmental S	pecialist	C	- 4	YL	\sim
Title: Field E	Environmen	tal Coordinato	or			Approval Da	te: 4/30/	5	Expiration	Date:		
E-mail Addr	ess: peace.j	effrey@bp.com	m			Conditions o	f Approval:			Attached		
	rch 5, 2015			: (505) 326-9479								
* Attach Addi	tional She	ets If Necess	sary			HNSI	K 1122	34	1136		(32)

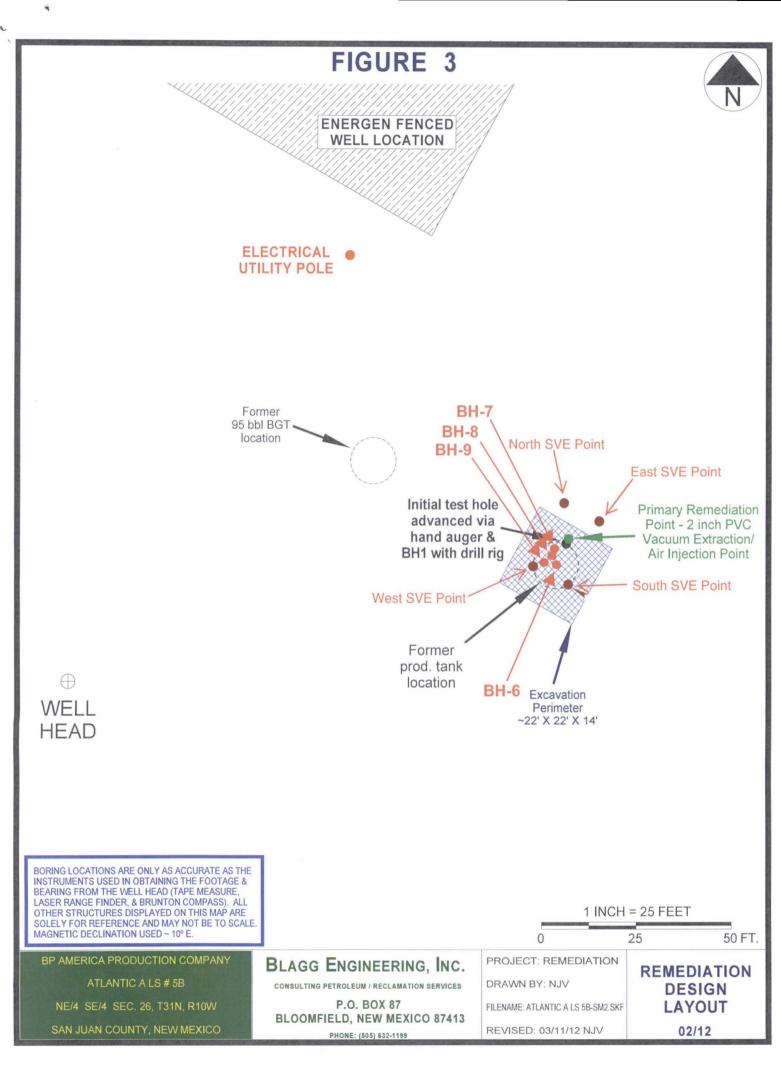
BP AMERICA PRODUCTION COMPANY

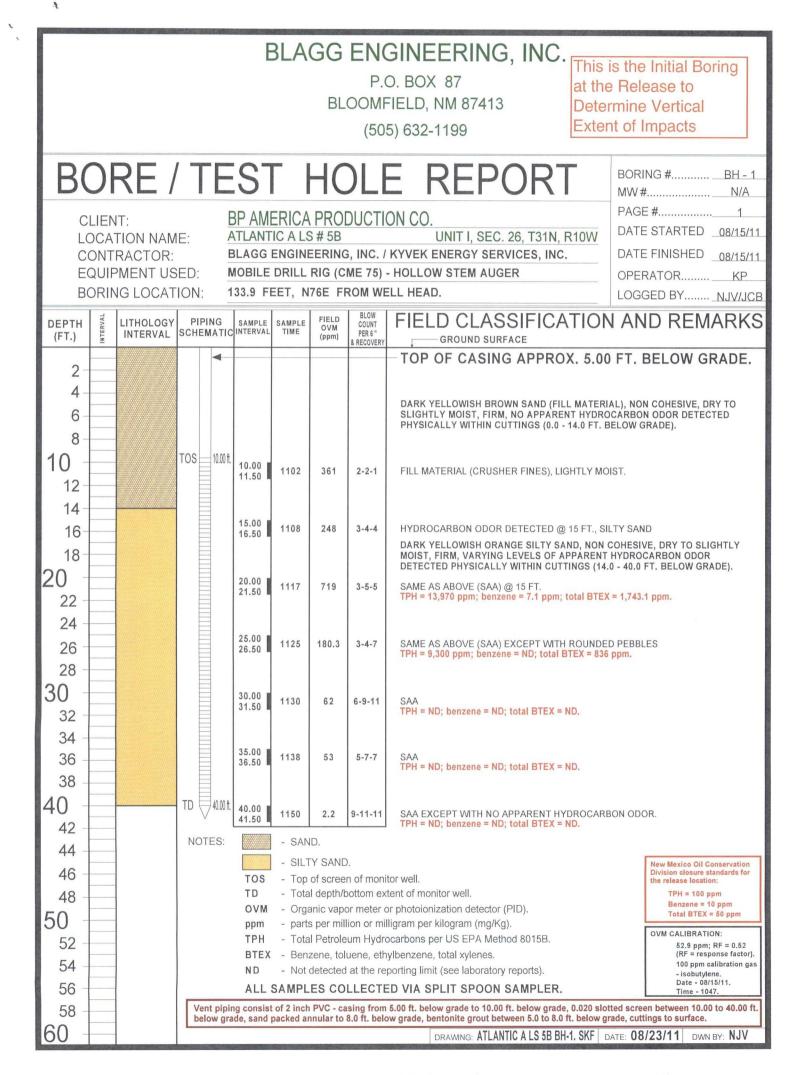
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Atlantic A LS 5B – SPILL RELEASE REMEDIATION SUMMARY API #: 30-045-30059 (I)Sec. 26 – T31N – R10W San Juan County, New Mexico

CHRONOLOGICAL EVENT SUMMATION

- 1. June 21, 2011: An unknown volume of condensate was discovered lost from the 300 barrel stock tank, apparently from a failed man way gasket. Site closure standard established at 100 ppm TPH due to presence of dry wash southwest of impact.
- 2. June 27, 2011: BP conducts remediation by excavation of impacts with trackhoe. Excavation size approximately 16' x 16' x 16' deep, cone shaped, sugar sand caving back into hole while digging. Could not advance any deeper due to soil type.
- August 15, 2011: Conduct vertical extent investigation with drill rig. Drill BH-1 in center of release area to a total depth of 40 feet. Lab results from soil sampling determine impacts above closure standards (100 ppm TPH) between 20' – 30'. No impacts present between 30' – 40'.
- 4. February 9 10, 2012: Install 4 perimeter SVE points drilled to a depth of 30 feet (BH-2, BH-3, BH-4 and BH-5) at a distance 12' away from center source borehole BH-1. Field OVM testing and laboratory results indicate that no hydrocarbon impacts are present in any of these SVE points.
- 5. May 15 June 28, 2012: Operate temporary pilot SVE unit to test effectiveness of SVE for remediation.
- 6. October 2, 2012: Drill BH-6 in source area to a depth of 30 feet for sampling to evaluate SVE pilot test. Impacts above closure standards present between 15' 25', no impacts at 30' depth.
- 7. November 4, 2013: Startup of permanent SVE unit for site remediation. Placed into continuous operation.
- October 3, 2014: Drill BH-7 in source area to a depth of 30 feet for sampling to evaluate SVE progress. Lab test results find the following: 15'-16' TPH = 96 ppm. 19'-20' TPH = 240 ppm. 23'-24' TPH = 31 ppm. 27'-28' TPH = 37 ppm. SVE unit returned to continuous operation.
- 9. November 21, 2014: Present findings to NMOCD Aztec District Office. Pursuant to NMOCD request, a re-sampling program was developed as follows: Two borings to be advanced to a depth of 30 feet in source area. First boring to be a distance of 4' southwest of BH-1, with a composite sample collected between the depths of 10'-20', and another composite sample collected between the depths of 20'-30. The second boring to be a distance of 8' southwest of BH-9 and have the same composite sampling program.
- February 25 26, 2015: Drill borings BH-8 and BH-9 as prescribed by NMOCD. Composite soil test results as follows: BH-8 (located 4' southwest of BH-1) Composite 11'-20' TPH = 33 ppm, Composite 20'-30' TPH = 22 ppm. BH-9 (located 8' southwest of BH-1) Composite 10'-20' TPH = 21 ppm, Composite 20'-30' TPH = 24 ppm. Note that drilling and sampling was witnessed by NMOCD.





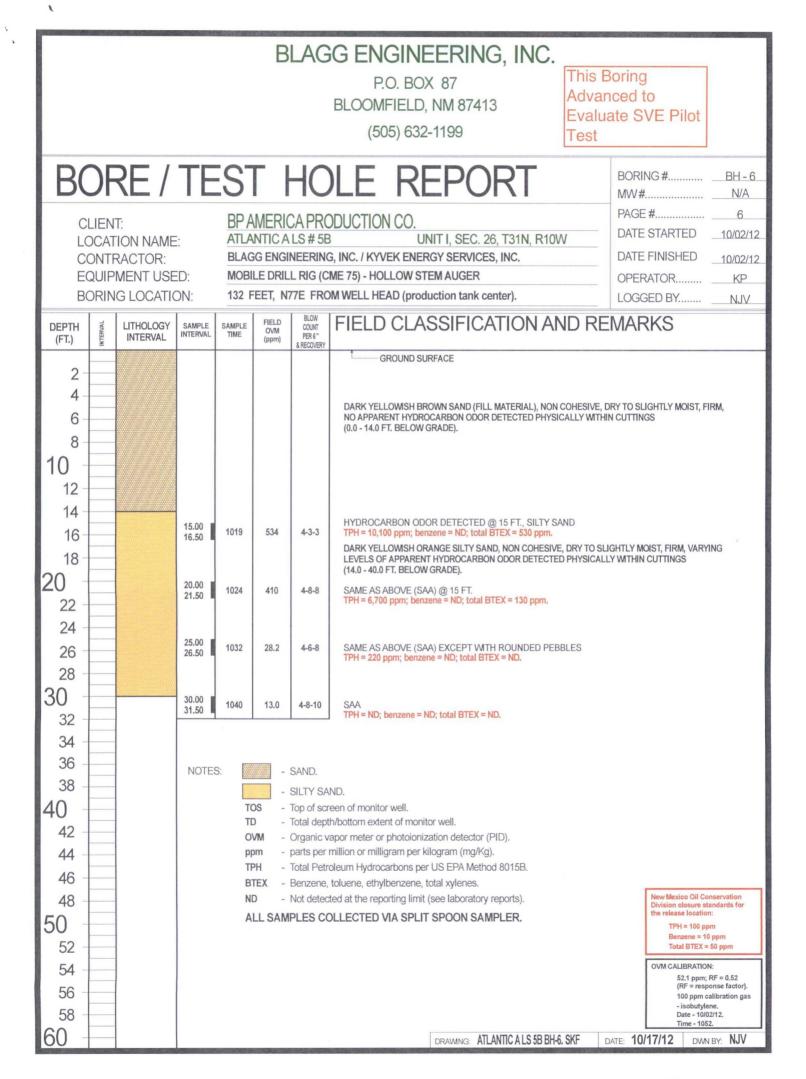
P.C		37, BLO	INEERI Domfield		
FIE	LD BC	RING	LOG		BORING ID: BH-2
CLIEN DRILL EQUIF DATE TOTAL	IT: <u>BP</u> An ING CON MENT US START: <u>2</u> DEPTH:	nerica Pi TRACTD ED: /9/2012 30 Fee	DATE FINI t CASING	0. SH: <u>2</u> TYPE {	<u>/9/2012</u> DRILLER: <u>K Padilla</u> LOGGED BY: J Blagg & SIZE: <u>2-inch PVC</u> SLOT SIZE: <u>0.020</u> Il from 15' - 30' with bentonite seal for SVE well
DEPTH FEET	SAMPLE TIME	SAMPLE TYPE	Completion Log	FIELD OVM	SAMPLE DESCRIPTIUN
	0936				Start Drilling
	0942	Split Spoon	Cuttings	0.0	Silty Sand, Backfill Material, No HC odor or Stain
- 10 -	0950	Split Spoon	Bento	0.0	Silty Sand, Backfill Material, No HC odor or Stain
	0959	Split Spoon	er Pack	0.0	Silty Sand, Yellow Tan, No HC odor or Stain
-20	1009	Split Spoon	-10/20 Sand Fitt	0.0	Silty Sand, Yellow Tan, No HC odor or Stain
	1018	Split Spoon		0.0	Silty Sand, Yellow Tan, No HC odor or Stain TPH = 0.0 BTEX = 0.0
30	1030	Split Spoon		0.0	Silty Sand, Yellow Tan, No HC odor or Stain

BLAGG p.o. box 8 (505) 632-	7, BLOOM				Page <u>1</u> of <u>1</u> Perimeter SVE Boring (12 Feet east of BH-1)
FIELD BO	RING L	.0G]	BORING ID: BH-3
CLIENT: <u>BP</u> Am DRILLING CONT EQUIPMENT USE DATE START: <u>2/</u> TOTAL DEPTH:	FRACTOR: ED: <u>CME</u> 29/2012 DA 30 Feet C	Ction Co Kyvek -95 TE FINIS ASING T). SH: 2. YPE 8	SIZE:	DRILLER: <u>K Padilla</u> LOGGED BY: J Blagg 2-inch PVC SLOT SIZE: 0.020 - 30' with bentonite seal for SVE well
DEPTH SAMPLE FEET TIME	SAMPLE Con TYPE	mpletion Log	FIEL D OVM		SAMPLE DESCRIPTION
1110				Start Drill	ing
-10	Split Spoon	Cuttings	0.0	Silty Sand,	Backfill Material, No HC odor or Stain
	Split Spoon	Bento	0.0	Silty Sand,	Backfill Material, No HC odor or Stain
1130	Split Spoon	er Pack	0.0	Silty Sand,	Yellow Tan, No HC odor or Stain
-20 1139	Split Spoon		0.0	Silty Sand,	Yellow Tan, No HC odor or Stain
1148	Split Spoon		0.0		Yellow Tan, No HC odor or Stain BTEX = 0.0
30 1158	Split Spoon		0.0	Silty Sand,	Yellow Tan, No HC odor or Stain

BLAGG P.0. BOX 8 (505) 632-	37, BLOOM		
FIELD BO	DRING L	OG	BORING ID: BH-4
TOTAL DEPTH:	merica Produ TRACTOR: <u> </u> ED: <u>CME</u> /10/2012 DA 30 Feet C	ction Co. (yvek -95 TE FINISH: _2 ASING TYPE	2/10/2012 DRILLER: K Padilla LOGGED BY: J Blagg & SIZE: 2-inch PVC SLOT SIZE: 0.020 al from 15' - 30' with bentonite seal for SVE well
DEPTH SAMPLE FEET TIME		Log EVM	
0850			Start Drilling
0855	Split + + + + + + + + + + + + + + + + + + +	0.0 Cuttings	Silty Sand, Backfill Material, No HC odor or Stain
-10	Split Spoon	0.0 Dite Dite	Silty Sand, Backfill Material, No HC odor or Stain
0909	Split Spoon	0.0 Daury Daury	Silty Sand, Yellow Tan, No HC odor or Stain
- 20 - 0916	Spoon	0.0 2 and Filt	Silty Sand, Yellow Tan, No HC odor or Stain
0925	Split Spoon	0.0	Silty Sand, Yellow Tan, No HC odor or Stain TPH = 0.0 BTEX = 0.0
30 0935	Split Spoon	0.0	Silty Sand, Yellow Tan, No HC odor or Stain

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P.C		37, BLC	INEERI Domfield							
FIE	FIELD BORING LOG BORING ID: BH-5									
CLIEN DRILL EQUIF DATE TOTAL	NT: <u>BP</u> An ING CON PMENT US START: 2. DEPTH:	nerica Pi TRACTU ED: /10/2012 30 Fee	DATE FINI t CASING	0. SH: 2 TYPE {	/10/2012_DRILLER:_ <u>K</u> Padilla_LUGGED_BY:_J_Blagg & SIZE:_2-inch_PVCSLDT_SIZE:0.020 l from 15' - 30' with bentonite seal for SVE well					
DEPTH FEET	SAMPLE TIME	SAMPLE TYPE	Completion Log	FIELD OVM	SAMPLE DESCRIPTION					
	1006				Start Drilling					
10	1012	Split Spoon		0.0	Silty Sand, Backfill Material, No HC odor or Stain					
-10 -	1018	Split Spoon	Bento	0.0	Silty Sand, Backfill Material, No HC odor or Stain					
- 20 -	1025	Split Spoon	ter Pack	0.0	Silty Sand, Yellow Tan, No HC odor or Stain					
	1033	Split Spoon	-10/20 Sand Fit	0.0	Silty Sand, Yellow Tan, No HC odor or Stain					
	1042	Split Spoon		0.0	Silty Sand, Yellow Tan, No HC odor or Stain TPH = 0.0 BTEX = 0.0					
30	1050	Split Spoon		0.0	Silty Sand, Yellow Tan, No HC odor or Stain					



This Boring to **Evaluate SVE** Progress BLAGG ENGINEERING, INC. Page _ of _ 1_ P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632 - 11993 WSW FROM BH-1 BORING ID: _BH-7 FIELD BORING LOG PROJECT: _____ BP: . ATLANTIC A LS 5B CLIENT: BP America Production Co. DRILLING CONTRACTOR: Kyvek EQUIPMENT USED: GEOPROBR DATE START: 10/3/14 DATE FINISH: 10/3/14 DRILLER: KP LOGGED BY: JUB TOTAL DEPTH: 28' CASING TYPE & SIZE: _____ SLOT SIZE: -COMMENTS: DEPTH SAMPLE SAMPLE CHONTS FIELD SAMPLE DESCRIPTION FEET TYPE OVM TIME PLASTIC SLEEVE CRUSHER FINES BACKFILL 4 0913 0.0 8 0920 0.0 SAA -10 0924 0.0 SAA 12 Silty SAND Dark Vellow Brown DRO = 48 ppm, GRO = 48 ppm, Total TPH = 96 ppm 15' - 16' 3.3 0928 16 37.2 DRO = 130 ppm, GRO = 110 ppm, Total TPH = 240 ppm 19' - 20' 0935 20 V HARD LATER 192-21: USE AUGER TO PRIETURAL DRO = 31 ppm, GRO = 0.0 ppm, Total TPH = 31 ppm MEDIUM Grained Sand, Lite Vellow TAN 23' - 24' 24 1450 1.1 0.4 SAADRO = 37 ppm, GRO = 0.0 ppm, Total TPH = 37 ppm 27' - 28' 1540 28 TD 28 · . .

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This Boring to Document SR-JOONR Final Site Closure

	BLOOMFIL	ERING, INC. Page <u>1</u> of <u>1</u> ELD, NM 87413
FIELD 'BORII	NG LO	G BORING ID: BH-8
DATE START: 2/25/	A Producti TOR: <u>Kyv</u> <u>GEO PRO 2015</u> DATE O' CAS	on Co. vek <u>BE WITH 1.25" SLEEVES TO ZO'; CME-95 20'-30</u> FINISH: <u>2/25/2015</u> DRILLER: <u>KP</u> LOGGED BY: <u>JCB</u> ING TYPE & SIZE:
DEPTH SAMPLE SAMP FEET TIME TYP	PLE FIELD DE OVM	SAMPLE DESCRIPTION
1' 0846 SLEE 2' 2'		START
<u> 4 </u>	0.0	RECOVER 40" TAN SILTY SAND - CRUSHER FINES BACKFILL
6 7' <u>g'</u> 0858 <u>q'</u> -10	0.0	RECOVER 40 - SAA
10 <u>11</u> <u>12</u> <u>0902</u> <u>13</u> <u>14</u> <u>15</u>	0.0	NATIVE SILTY SAND @ 11', TAN, NO ODOR RECOVER 36"
-16' 0908 -17' -19' -19'	4.2	RECOVER 29" SAA UI-20 Lab TPH = 33 ppm
21 0822 8 54	8.4	2/26/2015 SWITCH TO EME -95 RIG DUE TO Probe Rig
22 3A		DRY TAN Silty SAND, NO HC ODOR Failure
23 0930 24 25'		COLLECT
26 0340 55	0.5	H-Pt comp.
27 28 29 0347 55 30	. 0.5	20 - 30 Lab TPH = 22 ppm

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This Boring to Document Final Site Closure

P.0		37, BL		RING, INC. Eld, nm 87413	Page <u>1</u> of <u>1</u>
FIE	LD BC	RINC	LO(G BORII	NG ID: <u>13H-9</u>
CLIEN DRILL EQUIP DATE TOTAL	ECT: IT: <u>BP</u> Ar ING CON MENT US START: <u>2</u> DEPTH: NTS: E	nerica P TRACTO ED: <u>/26 /201</u> 30'	roductio R: <u>Kyv</u> <u>CME</u> S DATE CASI	LS 5B on Co. ek - 95 FINISH: DRILLER: NG TYPE & SIZE:	
DEPTH . FEET	SAMPLE	SAMPLE TYPE	FIELD	SAMPLE DESCR	IPTION
5'	0900	CUTTINGS		START Gilty GAND, Dry, TAN, NO	HC ODOR OU STAIN
-10 -	0920	7			
-		5.5.	0.5)
15/	0925	5.5.	1.6	SAA, Light HC ODOR	4-pt composite
		5.5.	4.9	SAA	$\int F_{ac} L_{AS} \\ TPH, GTE_{4}, CL^{-} \\ Lab TPH = 21 ppm$
-20-	0940	55	1.6	SAA	
	0949	55 55	0.5	SAA	4-pt composite
25'	1000	55	0.5	SAA - NO ODOR	TVPH/BIEX/CL Lab TPH = 24 ppm
30	1006	55	0.5	SAA-NO ODOR	

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Hall Environmental Analysis Laboratory, Inc.

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Lab ID:

CLIENT: Blagg Engineering Client Sample ID: BH-8 3-pt comp 11'-20' Project: Atlantic A LS 5B Collection Date: 2/25/2015 9:16:00 AM 1502B08-001 Received Date: 2/27/2015 8:15:00 AM Matrix: SOIL

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE	ORGANICS				Analyst	JME
Diesel Range Organics (DRO)	33	10	mg/Kg	1	3/3/2015 5:51:18 PM	17929
Surr: DNOP	103	63.5-128	%REC	1	3/3/2015 5:51:18 PM	17929
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/2/2015 12:21:40 PM	17930
Surr: BFB	105	80-120	%REC	1	3/2/2015 12:21:40 PM	17930
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.048	mg/Kg	1	3/2/2015 12:21:40 PM	17930
Toluene	ND	0.048	mg/Kg	1	3/2/2015 12:21:40 PM	17930
Ethylbenzene	ND	0.048	mg/Kg	1	3/2/2015 12:21:40 PM	17930
Xylenes, Total	ND	0.095	mg/Kg	1	3/2/2015 12:21:40 PM	17930
Surr: 4-Bromofluorobenzene	102	80-120	%REC	1	3/2/2015 12:21:40 PM	17930
EPA METHOD 300.0: ANIONS					Analyst	LGT
Chloride	ND	30	mg/Kg	20	3/2/2015 4:55:59 PM	17957

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Metho	od Blank
	Е	Value above quantitation range	Н	Holding times for preparation or analysis	s exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	Page 1 of 8
	Ο	RSD is greater than RSDlimit	Р	Sample pH Not In Range	1 460 1 01 0
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.

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CLIENT: Blagg Engineering Client Sample ID: BH-8 4-pt comp 20'-30' Project: Atlantic A LS 5B Collection Date: 2/26/2015 8:47:00 AM Lab ID: 1502B08-002 Matrix: SOIL Received Date: 2/27/2015 8:15:00 AM Analyses Result BL Oual Units DE Date Analyzed Batch

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE	ORGANICS				Analys	t: JME
Diesel Range Organics (DRO)	22	10	mg/Kg	1	3/3/2015 6:18:38 PM	17929
Surr: DNOP	68.8	63.5-128	%REC	1	3/3/2015 6:18:38 PM	17929
EPA METHOD 8015D: GASOLINE RAM	IGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/2/2015 1:47:55 PM	17930
Surr: BFB	91.1	80-120	%REC	1	3/2/2015 1:47:55 PM	17930
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.047	mg/Kg	1	3/2/2015 1:47:55 PM	17930
Toluene	ND	0.047	mg/Kg	1	3/2/2015 1:47:55 PM	17930
Ethylbenzene	ND	0.047	mg/Kg	1	3/2/2015 1:47:55 PM	17930
Xylenes, Total	ND	0.093	mg/Kg	1	3/2/2015 1:47:55 PM	17930
Surr: 4-Bromofluorobenzene	103	80-120	%REC	1	3/2/2015 1:47:55 PM	17930
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	ND	30	mg/Kg	20	3/2/2015 5:08:24 PM	17957

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Meth	od Blank
	E	Value above quantitation range	Н	Holding times for preparation or analysi	s exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	Page 2 of 8
	0	RSD is greater than RSDlimit	Р	Sample pH Not In Range	1 age 2 01 0
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Project: Atlantic A LS 5B

Lab ID: 1502B08-003

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Client Sample ID: BH-9 4-pt comp 10'-20' Collection Date: 2/26/2015 9:40:00 AM Received Date: 2/27/2015 8:15:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	E ORGANICS				Analys	t: JME
Diesel Range Organics (DRO)	21	10	mg/Kg	1	3/3/2015 6:45:56 PM	17929
Surr: DNOP	82.2	63.5-128	%REC	1	3/3/2015 6:45:56 PM	17929
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/2/2015 3:14:05 PM	17930
Surr: BFB	91.3	80-120	%REC	1	3/2/2015 3:14:05 PM	17930
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.047	mg/Kg	1	3/2/2015 3:14:05 PM	17930
Toluene	ND	0.047	mg/Kg	1	3/2/2015 3:14:05 PM	17930
Ethylbenzene	ND	0.047	mg/Kg	1	3/2/2015 3:14:05 PM	17930
Xylenes, Total	ND	0.095	mg/Kg	1	3/2/2015 3:14:05 PM	17930
Surr: 4-Bromofluorobenzene	104	80-120	%REC	1	3/2/2015 3:14:05 PM	17930
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	ND	30	mg/Kg	20	3/2/2015 5:20:48 PM	17957

Matrix: SOIL

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Metho	od Blank
	Е	Value above quantitation range	Н	Holding times for preparation or analysis	s exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	Page 3 of 8
	0	RSD is greater than RSDlimit	Р	Sample pH Not In Range	1 age 5 01 0
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 Blagg Engineering
 Client Sample ID: BH-9 4-pt comp 20'-30'

 Project:
 Atlantic A LS 5B
 Collection Date: 2/26/2015 10:06:00 AM

 Lab ID:
 1502B08-004
 Matrix: SOIL
 Received Date: 2/27/2015 8:15:00 AM

 Analyses
 Result
 RL Qual Units
 DF Date Analyzed
 Batch

	The second se	the second s	COLUMN DO SAL SHOT WITH A CARL COLUMN STORE	A Distance makers shared other	The state of the second s	the second second second second second
EPA METHOD 8015D: DIESEL RANGE C	RGANICS				Analyst	: JME
Diesel Range Organics (DRO)	24	10	mg/Kg	1	3/3/2015 7:13:14 PM	17929
Surr: DNOP	76.8	63.5-128	%REC	1	3/3/2015 7:13:14 PM	17929
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/2/2015 4:11:31 PM	17930
Surr: BFB	91.4	80-120	%REC	1	3/2/2015 4:11:31 PM	17930
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.048	mg/Kg	1	3/2/2015 4:11:31 PM	17930
Toluene	ND	0.048	mg/Kg	1	3/2/2015 4:11:31 PM	17930
Ethylbenzene	ND	0.048	mg/Kg	1	3/2/2015 4:11:31 PM	17930
Xylenes, Total	ND	0.096	mg/Kg	1	3/2/2015 4:11:31 PM	17930
Surr: 4-Bromofluorobenzene	101	80-120	%REC	1	3/2/2015 4:11:31 PM	17930
EPA METHOD 300.0: ANIONS					Analyst	LGT
Chloride	ND	30	mg/Kg	20	3/2/2015 5:33:13 PM	17957

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Metho	od Blank
	E	Value above quantitation range	Н	Holding times for preparation or analysis	s exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	Page 4 of 8
	Ο	RSD is greater than RSDlimit	Р	Sample pH Not In Range	1 age 4 01 0
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Blagg Engineering **Client: Project:** Atlantic A LS 5B

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Sample ID MB-17957	SampType: MBLK	TestCode: EPA Method	300.0: Anions		
Client ID: PBS	Batch ID: 17957	RunNo: 24595			
Prep Date: 3/2/2015	Analysis Date: 3/2/2015	SeqNo: 724386	Units: mg/Kg		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit	Qual
Chloride	ND 1.5				
Sample ID LCS-17957	SampType: LCS	TestCode: EPA Method	300.0: Anions		
Client ID: LCSS	Batch ID: 17957	RunNo: 24595			
Client ID: LCSS Prep Date: 3/2/2015	Batch ID: 17957 Analysis Date: 3/2/2015	RunNo: 24595 SeqNo: 724387	Units: mg/Kg		
	Analysis Date: 3/2/2015		Units: mg/Kg HighLimit %RPD	RPDLimit	Qual

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- E Value above quantitation range
- Analyte detected below quantitation limits J
- 0 RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits S
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Р Sample pH Not In Range
- RL Reporting Detection Limit

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WO#: 1502B08 04-Mar-15

Client: Blagg Engineering Project: Atlantic A LS 5B

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Sample ID MB-17929	SampT	Type: ME	BLK	Tes	tCode: El	PA Method	8015D: Diese	el Range (Organics	
Client ID: PBS	Batch	h ID: 17	929	F	RunNo: 2	4589				
Prep Date: 2/27/2015	Analysis D	Date: 3/	3/2015	5	SeqNo: 7	25484	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	9.0		10.00		89.7	63.5	128			
Sample ID LCS-17929	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Diese	el Range (Organics	
Client ID: LCSS	Batch	n ID: 17	929	F	unNo: 24	4589				
Prep Date: 2/27/2015	Analysis D)ate: 3/	3/2015	S	eqNo: 7	25485	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	108	67.8	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - P Sample pH Not In Range
 - RL Reporting Detection Limit

WO#: 1502B08 04-Mar-15

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WO#: 1502B08

04-Mar-15

Client:Blagg EngineeringProject:Atlantic A LS 5B

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Sample ID MB-17930	SampType:	MBLK	Tes	tCode: EF	A Method	8015D: Gasc	line Rang	e	
Client ID: PBS	Batch ID:	17930	F	RunNo: 24	1582				
Prep Date: 2/27/2015	Analysis Date:	3/2/2015	S	SeqNo: 72	24104	Units: mg/K	g		
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND 5	5.0							
Surr: BFB	910	1000		91.4	80	120			
Sample ID LCS-17930	SampType:	LCS	Tes	tCode: EF	A Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch ID:	17930	F	RunNo: 24	582				
Prep Date: 2/27/2015	Analysis Date:	3/2/2015	S	SeqNo: 72	24105	Units: mg/K	g		
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25 5	5.0 25.00	0	101	64	130			
Surr: BFB	980	1000		97.8	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

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Blagg Engineering **Client: Project:**

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Atlantic A LS 5B

Sample ID MB-17930	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 17	930	F	RunNo: 2	4582				
Prep Date: 2/27/2015	Analysis E	Date: 3/	2/2015	S	SeqNo: 7	24138	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			
Sample ID LCS-17930	Samp1	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batcl	h ID: 17	930	F	RunNo: 24	4582				
Prep Date: 2/27/2015	Analysis D	Date: 3/	2/2015	S	eqNo: 7	24139	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	113	80	120			
Toluene	1.1	0.050	1.000	0	108	80	120			
Ethylbenzene	1.1	0.050	1.000	0	109	80	120			
Xylenes, Total	3.2	0.10	3.000	0	108	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Value above quantitation range Е
- J Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits R
- S Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Р Sample pH Not In Range
- RL Reporting Detection Limit

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WO#: 1502B08 04-Mar-15

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albu TEL: 505-345-3975 Website: www.hal	4901 Hawkins querque, NM 87 FAX: 505-345-4	NE 109 Samp	ole Log-In Ch	neck List
Client Name: BLAGG	Work Order Number:	1502B08		RcptNo:	1
Received by/date:	02/24/15				
Logged By: Lindsay Mangin	2/27/2015 8:15:00 AM		Joneby Hange		
Completed By: Lindsay Mangin	2/27/2015 9:02:28 AM		Streeter Hlopopo		
Reviewed By: Chain of Custody	62/27/15		-		
1. Custody seals intact on sample bottles	2	Yes	No	Not Present 🕢	
 Clustedy seals intact on sample bottles Is Chain of Custody complete? 	1	Yes	No 🗌	Not Present	
3. How was the sample delivered?		Courier			
Log In					
4. Was an attempt made to cool the sam	ples?	Yes 🖈	No 🗌	NA	
5. Were all samples received at a temper	ature of >0° C to 6.0°C	Yes 🖌	No 🗌	NA 🗌	
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) p	roperly 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	broken?	Yes	No 🛃	# of preserved bottles checked	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custod	V)	Yes 🛃	No 🗌	for pH:	>12 unless noted)
13. Are matrices correctly identified on Cha		Yes 🖈	No 🗌	Adjusted?	
14. Is it clear what analyses were requester		Yes 🛃	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 noti	fied of all di	screpancies w	vith this order?		Yes]	No 🗌	1	NA 🖈
	Person N	lotified:			Date:			anno an ann an		
	By Whon	n: 🗍	ana an bh-d-1 (d'ar i ' a termigani an ri a cand	<u>- 1 - 2 motata (a constante de stational des 20</u>	Via:	eMail	Phor	ie 🗌 Fax	In Persor	
	Regardin	g:							•	alali ali second
	Client Ins	structions:	annahit lahiti yang kumanana kalifa						an a	
17.	Additional rem	arks:								
18.	Cooler Inform	nation								
	Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Sig	ned By		
	1	1.7	Good	Yes						

			stody Record	Turn-Around	Time:						-14		E	NV	TE	20	NF	MF	NT	A I	
Client:	3P AN	AERICA	t	X Standard		· · ·		5.30 S				-							TC		
ī	Ziou	FALLI	EEPLANE TATE	Project Name					all all			v.hal									
Vailing	Address	P.D.	EERING INC. Box 87	ATLANTI	CALS	58		49	01 H									7109			
			JM 87413	Project #:			Tel. 505-345-3975 Fax 505-345-4107														
			0-1183				Analysis Request														
email o				Project Mana	ger:		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)														
QA/QC F	ackage:			J.	BLAGG		(8021)	(Gas only)	DRO / MRC)			(S		14,S(CB's						
Stan	dard		Level 4 (Full Validation)					(G	RO			SIM		PO	2 P(
Accredi			-	Sampler: J			TWB's	TPH	-	(1)	.	270		NO	808						Î
			۲	On Ice:	and a second sec		H	+	BRC	418	504	or 8,	S	40 ₃ ,	es /		(YO)				o
	(Type)		· · · · ·	Sample Tem	perature: /		+ THIBE	TBE	B ((por	pou	10 0	leta	CI,N	icide	(YC	N-in	DE			s (Y
Data	Timo	Motrix	Sample Request ID	Container	Preservative	HEAL No.		+ MTBE	8015B (GRO	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	CHLORIDE			Air Bubbles (Y or N)
Date	Time	Matrix		Type and #	Туре		BTEX	TEX	TPH 8) He	DB (AH's	CRA	nion	181	260E	270	CHI			r Bu
trad			BH-8			1502B08	1	BT		F	Ш	P	Ř	Ar	80	8	8			+	Ai
25/2015	0916	SOIL	3-pt comp 11-20' BH-8 4-pt comp 20'-30' BH-9	402×1	COOL	-001	X		Х									X			
126/15	0847		14- pt comp 20'-30'	ι(и	-002	X		×									X			
15	0940	EL .	BH-9 BH-9 BH-9	\$ 1	ц	-003	X		×									X			
it	1006	ξĘ.	BH-9 4-pt comp 20-30	- u	ч	-m4	X		X									X			
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2:015 Date:	Time:	Relinguish	ed by:	Received by:	rualt	Date Time											E				
1	17.11	h	12000		W_		ate Time CONTACT : JEFF PEACE														
1212/15	11/11/	hous	tubleter		The A	2/27/13 08/5															

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If necessary, samples submitted to Hall Environmental may be subcontracted to other acciedited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Analytical Report Lab Order 1202467 Date Reported: 2/20/2012

Hall Environmental Analysis Laboratory, Inc.

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CLIENT: Blagg Engineering Client Sample ID: BH-2 25'26.5' Project: Atlantic A LS 5B Collection Date: 2/9/2012 10:18:00 AM Lab ID: 1202467-001 Matrix: SOIL Received Date: 2/14/2012 12:45:00 PM Analyses Result RL Qual Units DF Date Analyzed

1 kildi y SeS	ixesuit	KL Qu	ar Units	DF	Date Analyzeu
EPA METHOD 8015B: DIESEL RANG	GE ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	2/16/2012 10:21:21 AM
Surr: DNOP	89.6	77.4-131	%REC	1	2/16/2012 10:21:21 AM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/16/2012 5:11:19 PM
Surr: BFB	103	69.7-121	%REC	1	2/16/2012 5:11:19 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.049	mg/Kg	1	2/16/2012 2:42:59 AM
Toluene	ND	0.049	mg/Kg	1	2/16/2012 2:42:59 AM
Ethylbenzene	ND	0.049	mg/Kg	1	2/16/2012 2:42:59 AM
Xylenes, Total	ND	0.097	mg/Kg	1	2/16/2012 2:42:59 AM
Surr: 4-Bromofluorobenzene	109	85.3-139	%REC	1	2/16/2012 2:42:59 AM

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 1 of 7

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 1202467 Date Reported: 2/20/2012

CLIENT: Blagg Engineering **Project:** Atlantic A LS 5B

1202467-002

Lab ID:

1 1

Client Sample ID: BH-3 25'-26.5' Collection Date: 2/9/2012 11:48:00 AM Received Date: 2/14/2012 12:45:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	2/16/2012 10:43:11 AM
Surr: DNOP	91.1	77.4-131	%REC	1	2/16/2012 10:43:11 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	2/16/2012 3:13:04 AM
Surr: BFB	106	69.7-121	%REC	1	2/16/2012 3:13:04 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.050	mg/Kg	1	2/16/2012 3:13:04 AM
Toluene	ND	0.050	mg/Kg	1	2/16/2012 3:13:04 AM
Ethylbenzene	ND	0.050	mg/Kg	1	2/16/2012 3:13:04 AM
Xylenes, Total	ND	0.10	mg/Kg	1	2/16/2012 3:13:04 AM
Surr: 4-Bromofluorobenzene	107	85.3-139	%REC	1	2/16/2012 3:13:04 AM

Matrix: SOIL

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Analytical Report Lab Order 1202467

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 2/20/2012 Client Sample ID: BH-4 25'-26.5'

CLIENT: Blagg EngineeringProject: Atlantic A LS 5BLab ID: 1202467-003Matrix: SOIL

• 1*

Collection Date: 2/10/2012 9:25:00 AM Received Date: 2/14/2012 12:45:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	GE ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	2/16/2012 11:04:48 AM
Surr: DNOP	90.3	77.4-131	%REC	1	2/16/2012 11:04:48 AM
EPA METHOD 8015B: GASOLINE R	ANGE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/16/2012 3:43:24 AM
Surr: BFB	99.9	69.7-121	%REC	1	2/16/2012 3:43:24 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.049	mg/Kg	1	2/16/2012 3:43:24 AM
Toluene	ND	0.049	mg/Kg	1	2/16/2012 3:43:24 AM
Ethylbenzene	ND	0.049	mg/Kg	1	2/16/2012 3:43:24 AM
Xylenes, Total	ND	0.099	mg/Kg	1	2/16/2012 3:43:24 AM
Surr: 4-Bromofluorobenzene	101	85.3-139	%REC	1	2/16/2012 3:43:24 AM

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 3 of 7

Analytical Report Lab Order 1202467 Date Reported: 2/20/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Atlantic A LS 5B

1202467-004

Project:

Lab ID:

Analyses

14

Client Sample ID: BH-5 25'-26.5' Collection Date: 2/10/2012 10:42:00 AM

 Matrix:
 SOIL
 Received Date: 2/14/2012 12:45:00 PM

 Result
 RL
 Qual
 Units
 DF
 Date Analyzed

 RGANICS
 Analyst:
 JF

EPA METHOD 8015B: DIESEL RANGE O	ORGANICS					Analyst: JMP
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/16/2012 11:26:36 AM
Surr: DNOP	92.3	77.4-131		%REC	1	2/16/2012 11:26:36 AM
EPA METHOD 8015B: GASOLINE RANG	E					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2012 4:13:50 AM
Surr: BFB	81.4	69.7-121		%REC	1	2/16/2012 4:13:50 AM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.049		mg/Kg	1	2/16/2012 4:13:50 AM
Toluene	ND	0.049		mg/Kg	1	2/16/2012 4:13:50 AM
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2012 4:13:50 AM
Xylenes, Total	ND	0.098		mg/Kg	1	2/16/2012 4:13:50 AM
Surr: 4-Bromofluorobenzene	82.6	85.3-139	S	%REC	1	2/16/2012 4:13:50 AM

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1202467

20-Feb-12

Client: Blagg Engineering Project: Atlantic A LS 5B

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i tojecti i tituliti	01112000												
Sample ID MB-725	SampT	ype: ME	BLK	Tes	tCode: E	el Range (Organics						
Client ID: PBS	Batch	ID: 72	5	RunNo: 966									
Prep Date: 2/15/2012	Analysis D	ate: 2/	16/2012	S	SeqNo: 2	8071	Units: mg/K	g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Diesel Range Organics (DRO)	ND	10											
Surr: DNOP	9.4		10.00		93.5	77.4	131						
Sample ID LCS-725	SampT	ype: LC	S	Tes	tCode: E	PA Method	8015B: Diese	el Range (Organics				
Client ID: LCSS	Batch	ID: 72	5	F	RunNo: 9	66							
Prep Date: 2/15/2012	Analysis Da	ate: 2/	16/2012	SeqNo: 28077 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Diesel Range Organics (DRO)	40	10	50.00	0	79.6	62.7	139						
Surr: DNOP	4.7		5.000		93.5	77.4	131						

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

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WO#: 1202467

20-Feb-12

00	ngineering A LS 5B									
Sample ID MB-711	3LK	TestCode: EPA Method 8015B: Gasoline Range								
Client ID: PBS	Batch	ID: 71	1	F	RunNo: 9	72				
Prep Date: 2/14/2012	Analysis D	ate: 2/	15/2012	012 SeqNo: 28357 Units: mg/Kg						
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD						RPDLimit	Qual		
Gasoline Range Organics (GRO) Surr: BFB	ND 910	5.0	1,000		90.9	69.7	121			
Sample ID LCS-711	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015B: Gaso	line Rang	e	
Client ID: LCSS	Batch	ID: 71	1	F	RunNo: 9	72				
Prep Date: 2/14/2012	Analysis D	ate: 2/	15/2012	12 SeqNo: 28361 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	98.5	133			
Surr: BFB	860		1,000		86.0	69.7	121			

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

• - • •

Chent.	Diagg Engineering
Project:	Atlantic A LS 5B

Sample ID MB-711	Samp	Туре: МІ	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles					
Client ID: PBS	Batc	h ID: 71	1	F	RunNo: 9	72							
Prep Date: 2/14/2012	Analysis [Date: 2	/15/2012	S	SeqNo: 2	Units: mg/k	ıg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	ND 0.050											
Toluene	ND	0.050											
Ethylbenzene	ND	0.050											
Xylenes, Total	ND	0.10											
Surr: 4-Bromofluorobenzene	0.92		1.000										
Sample ID LCS-711	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Volat	tiles					
Client ID: LCSS	Batc	h ID: 71	1	F	RunNo: 9	72							
Prep Date: 2/14/2012	Analysis [Date: 2/	15/2012	S	SeqNo: 2	8393	Units: mg/K	g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.96	0.050	1.000	0	96.2	83.3	107						
Toluene	0.90	0.050	1.000	0	90.0	74.3	115						
Ethylbenzene	0.96	0.050	1.000	0	96.1	80.9	122						
Xylenes, Total	3.0	0.10	3.000	0	99.3	85.2	123						
Surr: 4-Bromofluorobenzene	0.88		1.000		87.9	85.3	139						

- */X Value exceeds Maximum Contaminant Level.
- Value above quantitation range E
- Analyte detected below quantitation limits J
- R RPD outside accepted recovery limits

- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105 TEL: 505-345-3975 FAX: 505-345-410; Website: www.hallenvironmental.com

Sample Log-In Check List

Clie	nt Name:	BLAGG		Work Or	der N	umbe	ег: 1	202467
Rec	eived by/date	MG- 102/14/1	12					
	ged By:	Anne Thorne	2/14/2012 12:45:00 P	PM		C	Ann	hun
	npleted By:	Anne Thorne	2/14/2012				0	Am
	iewed By:	2/14/12 MG	2/14/2012			4	am	. Au
	in of Cust					. г	_	
	Were seals in			Yes		No L		Not Present
		custody complete?		Yes		No		Not Present
3.	How was the	sample delivered?		Cour	ier			
Log	In							
4.	Coolers are p	present? (see 19. for cooler s	pecific information)	Yes	\checkmark	No		NA 🗍
F	Mas an atter	npt made to cool the samples	2	Voc		No		
э.	vvas an allei	npt made to cool the samples	a f	165				
6.	Were all sam	ples received at a temperatur	re of >0° C to 6.0°C	Yes	V	No		NA
7	Sample(s) in	proper container(s)?		Yes		No [٦	
		mple volume for indicated test	(9)7	Yes		_		
		(except VOA and ONG) prop				No [
		ative added to bottles?	eny preserved?	Yes		No No		NA 🗌
TŲ.	was preserv	alive added to bottles!		103				
11.	VOA vials ha	ve zero headspace?		Yes		No [No VOA Vials 🗹
12.	Were any sa	mple containers received brol	ken?	Yes		No		
13.		ork match bottle labels? bancies on chain of custody)		Yes		No]	# of preserved bottles checked for pH:
14.	Are matrices	correctly identified on Chain	of Custody?	Yes	v	No [(<2 or >12 unless noted)
15.	Is it clear what	at analyses were requested?		Yes	\checkmark	No		Adjusted?
16.		ling times able to be met? customer for authorization.)		Yes	✓	No		Cheeked but
Sno		ing (if applicable)						Checked by:
		otified of all discrepancies with	this order?	Vac		No [NA 🔽
17.				Tes			_	
		Notified:	Date					
	By Who	and the second	Via:	eMa] Pho	ne	Fax in Person
	Regard	and an international distances in the second s		C.B. MANUE				
	Client Ir	nstructions:						

18. Additional remarks:

19. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.9	Good	Yes			

~	1	6.0		Decend	Turn-Around	Time:			1_												
Ol'		10m -	ISTODY WEERWG	Fuc.	Standard																
	BP	AMER			Project Name	A STATE OF THE OWNER.				40		1	www.	tal.co	om						
B	COMFI	ELD , !	NM E	87413	Project #:				4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107												
Phone #	<u>+: 505-632-1199</u> Fax#:			199	Project Manager:				Analysis Request												
QA/QC F	QC Package: Standard □ Level 4 (Full Validation			4 (Full Validation)	J. BLAGE				s (8021)	+ TPH (Gas only)	(Gas/Diesel)				,PO4,SO4)	2 PCB's					
	AP	Othe	er		Onlesses	T. BLAGG Mintessa Veranue		an a	E + TMB's	E + TPH	8015B (C	418.1)	504.1)	-PAH)	NO ₃ ,NO ₂	Pesticides / 8082		(A)			IN TO A
Date	Time	Matrix	Samp	ble Request ID		Preservative Type			BTEX + MTBI	BTEX + MTBE	TPH Method 8015B	TPH (Method 41	EDB (Method 504.1)	8310 (PNA or PAH)	Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,	8081 Pesticid	8260B (VOA)	8270 (Semi-VOA)			Ate Duckklos ///
1/12	1018	SOIL	BH-2	25-262	402×1	COUL		-1	X		X										
	1148	4	BH-3	25-262-	۱(11		-2	X		X										
10/12	0925	1(BH-4	25-262	1	Ч		-3	X		X										
] }	1042	V	BH-5	25-262	st.	1/		-4	×		X	-	+								
								¥	_											-	
														+							
												-	-		-	-				_	+
Date:	e: Time: Relinquished by: 17 1135 AM Sugg		15	Received by:	i belon	Date 2/13/12	Time 1135	4					0 <i>Re</i> 493 40J			215	B				
Date:		Relinquish	ed by:	Daeters	Received by:	1. Cipinin	Date	Time 1245	Pr					4CJ 4 7							

District 1 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

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Form C-138 Revised March 12, 2007

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 *Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE
1. Generator Name and Address:
BP AMERICA 200 ENERGY COURT FARMINGTON NEW MEXICO 87401
2. Originating Site: Work Order # N1399946
ATLANTIC ALS STB PAYKey 2 PEACIDENU
3. Location of Material (Street Address, City, State or ULSTR): UL <u>Z</u> SECTION <u>26</u> TOWNSHIP <u>31N</u> RANGE <u>10</u> \mathbb{O} \mathbb{O}
4. Source and Description of Waste: 300 bbl Propuction TANK
Tropuzzo WATER / CONDENSATE CEAK 6/24/11-4404
Estimated Volumeyd ³ /bbls Known Volume (to be entered by the operator at the end of the haul) D G Gd / bbls 5(365)320-33W GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I HOPEEW Deaw, representative or authorized agent for Generator Signature and Phone# certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non- exempt waste. Operator Use Only: Waste Acceptance Frequency Monthly Weekly Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as n 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described ion-hazardous. (Check the appropriate items)
🗆 MSDS Information 🔲 RCRA Hazardous Waste Analysis 📄 Process Knowledge 📝 Other (Provident Stephenergy Stephene
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LAN A Construction of the construction of
5. Transporter: Paul & Son
OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: JFJ Landfarm c/o Industrial Ecosystems, Inc. / NM 01-0010B
Address of Facility: # CR 3150 Aztec, NM 87410
Method of Treatment and/or Disposal:
🗌 Evaporation 🗌 Injection 🗌 Treating Plant 📈 Landfarm 🔲 Landfill 🔲 Other
Waste Acceptance Status:
PRINT NAME: Marcella Marquez / TITLE: Administrative Officer DATE: 10/28/11
SIGNATURE: