District I 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

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

For drilling and production facilities, submit to appropriate NMOCD District Office.

For downstream facilities, submit to Santa Fe

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

Form C-144 June 1, 2004

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure Is pit or below-grade tank covered by a "general plan"? Yes No

Type of action: Registration of a pit	or below-grade tank Closure of a pit or below-gr	ade tank
Operator: BP AMERICA PROD. CO. Address: 200 ENERGY COURT. FARMINGTON.		ail address.
Facility or well name: HORTON #3	API# 30-045- 28910 U/L or Qtr/	/Qtr G Sec 28 T 31N R 9W
County: SAN JUAN Latitude 36.87145 Longitude 10		
Pit	Below-grade tank	-
Type: Drilling ☐ Production ☐ Disposal ☑ BLOW	Volume:bbl_Type of fluid /	
Workover	Construction materia:	
Lined Unlined 🛛	Double-walled, with leak of tection? Yes 11 If it	at, explain why not.
Liner type: Synthetic Thicknessmil Clay		
Pit Volumebbl		
	Less than 50 feet	(20 points)
Depth to ground water (vertical distance from bottom of pit to seasonal	50 feet or more, but less than 100 feet	(10 points) 20
high water elevation of ground water.)	100 feet or more	(0 points)
	Too lest of more	
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points) 0
water source, or less than 1000 feet from all other water sources.)	No	(0 points)
	Less than 200 feet	(20 points)
Distance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)
gation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(10 points) 10
	P. Line Commercial Prints	20
	Ranking Score (Total Points)	30
If this is a pit closure: (1) attach a diagram of the facility showing the pit'	s relationship to other equipment and tanks. (2) Indicate	ate disposal location: (check the onsite box if
your are burying in place) onsite 🛛 offsite 🔲 If offsite, name of facility_	(3) Attach a general	description of remedial action taken including
remediation start date and end date. (4) Groundwater encountered: No 🛛	Yes 🔲 If yes, show depth below ground surface	ft. and attach sample results. (5)
Attach soil sample results and a diagram of sample locations and excavation	ns	
Additional Comments PIT LOCATED APPROXIMATEL	y 108 FT. N39E FROM WI	ELL HEAD.
PIT FXCAVATION: WIDTH n/a ft. LENGTH	n/a ft., DEPTH n/a ft.	PCUD_IIN13'07
PIT REMEDIATION: CLOSE AS IS: X, LANDFARM: [], C	COMPOST: □ STOCKPILE: □ OTHER 🗵 (c)	Applain) OIL CONS. DIV.
Cubic yards: N/A	, stockings, stockings	DIST. 3
NEED TO ESTABLISH VERTICAL EXTENT	A	
NEED ITTESTABLISH VERTIL AL EXCENT	X1	A
I hereby certify that the information above is true and complete to the best has been/will be constructed or closed according to NMOCD guideling		
Data: 10/23/04		
Date:		
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature 140 C	elege (
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve regulations.		
proval: Seputy Oil & Gas Inspector, Printed Name/Title District #3	ignature BA BA	AUG 1 0 2007

							Y
CLIENT: BF	BLAG P.O. BOX 8		NEERING OMFIELD	•	113		81474
	(5	05) 632	-1199		co	CR NO:	HALL
FIELD REPORT	: PIT CLC	SURE	VERIF	ICATI(N PAG	GE No:	of 1
LOCATION: NAME: HOR		_	TYPE:			E STARTED. <u> </u>	918/04
QUAD/UNIT: 6 SEC: 28	TWP: 3(N RNG:	9W PM:∧	M CNTY: SU	T ST: N/	<u> </u>	IRONMENTAL	
QTR/FOOTAGE:1つちかんし	165°E 5W	NE CONTR	ACTOR: HD(UNDIFAE)		CIALIST.	JCB
EXCAVATION APPROX		<u>va_</u> ft.	x <u>\ \ \ \ \ A \ \ FT.</u>	DEEP. C	JBIC YAR		
DISPOSAL FACILITY:	NA		REMEDIA				ELVIN
LANDUSE: RANGE - BL					FORMA		PC
FIELD NOTES & REMAR							
DEPTH TO GROUNDWATER < 5			>1000		URFACE WA	TER	1000
NMOCD RANKING SCORE 20	+ NMOCD TPH CL	OSURE STD: _	100 PP				
SOIL AND EXCAVATIO	N DESCRIPTION	ON:		OVM CALIB.		9-3 ppm ان 0	RF = 0 52
				TIME: 134			10/18
SOIL TYPE: SAND SILTY SAN	D / SILT / SILTY CL	AY / CLAY / C	GRAVEL / OTHE	R			
COHESION (ALL OTHERS) NON CO		OHESIVE / CO	HESIVE / HIGHLY	COHESIVE		3	
CONSISTENCY (NON COHESIVE SO	()				(Cro2	ED NEW	B TOP
PLASTICITY (CLAYS): NON PLASTIC DENSITY (COHESIVE CLAYS & SILTS				/ HIGHLY PLAS		The Les	A
MOISTURE: DRY (SLIGHTLY MOIST	/MOIST-AWET / SATU	RATED / SUPE	R SATURATED	~ 0:	<i>(</i> • • • • • • • • • • • • • • • • • • •	1 5×	TENT
DISCOLORATION/STAINING OBSERV HC ODOR DETECTED/ YES NO EX	/ED/ YES //NO EXPLA PLANATION - 57/2	NATION - <u>(G</u> しいし	RAY STAIN	FROM PI	r BASIE	to TD	
SAMPLE TYPE GRAB COMPOSITE			6 DEEP	telant c. m	· C.a-	15.1 D	. 125
ADDITIONAL COMMENTS:			SAJ		D ENEIT	EN FIT	_OSE
	*	MAKN	EED TO I	XIIL 70	FIND	VERCHIC	AC *
SCALE SAMP. TIM	E SAMP, ID	LAB NO.	WEIGHT (g)		DIL LITIO	IDE L DIVIO	
SAIMF. TIIV	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTIO	READING	CALC. (ppm)
0 FT							
N PIT PERIMET	ER				PIT	PROFIL	E
1 A	PD		VM DING				
6	/ ~ -	SAMPLE	FIELD HEADSPACE	-			
		@ 10'	(ppm) 238	-			
l l	/	@					<u>A</u>
		@		A	7		\bigcap
6 8				1)			
	⅓			6			
]	Í		lo'
A		LABSA	MPLES	1 4	4	E	
· \	s	AMPLE AN	ALYSIS TIME	1	7	WW.)
140 SA.	upiñ É	10 10' 774	18tex 1330		7 2	[ξ	
l'in	F-(FRIED	TPH	STAIN	1		4
P D = PIT DEPRESSION; B G = BELOW T H = TEST HOLE, ~ = APPROX.; T.B. =				1 1			
TRAVEL NOTES		000	ONSITE: /	0/19/04	13	500	

Hall Environmental Analysis Laboratory

Date: 25-Oct-04

CLIENT:

Blagg Engineering

Lab Order:

0410193

Project:

Horton 3

Lab ID:

0410193-01

Client Sample ID: Blow Pit @10'

Collection Date: 10/18/2004 1:30:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	 E					Analyst: JMP
Diesel Range Organics (DRO)	2000	100		mg/Kg	10	10/23/2004 1:07:43 PM
Motor Oil Range Organics (MRO)	ND	500		mg/Kg	10	10/23/2004 1:07:43 PM
Surr: DNOP	0	60-124	S	%REC	10	10/23/2004 1:07:43 PM
EPA METHOD 8015B: GASOLINE RA	NGE					Analyst: NSB
Gasoline Range Organics (GRO)	120	25		mg/Kg	5	10/21/2004 10:15:42 PM
Surr: BFB	122	74-118	S	%REC	5	10/21/2004 10:15:42 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.13		mg/Kg	5	10/21/2004 10:15:42 PM
Toluene	ND	0.13		mg/Kg	5	10/21/2004 10:15:42 PM
Ethylbenzene	1.2	0.13		mg/Kg	5	10/21/2004 10:15:42 PM
Xylenes, Total	2.0	0.13		mg/Kg	5	10/21/2004 10:15:42 PM
Surr: 4-Bromofluorobenzene	101	74-118		%REC	5	10/21/2004 10:15:42 PM

TOT. TPH = 2,120 ppm

TOT, BTEX = 3.7 ppm

B - Analyte detected in the associated Method Blank

^{* -} Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

BLAGG ENGINEERING, Inc.

P.O. BOX 87 BLOOMFIELD, NM 87413 (505) 632-1199

BORE / TEST HOLE REPORT

CLIENT:

LOCATION NAME: CONTRACTOR:

EQUIPMENT USED: BORING LOCATION: BP AMERICA PRODUCTION CO.

HORTON # 3 BLOW PIT UNIT G, SEC. 28, T31N, R9W

BLAGG ENGINEERING, INC. / ENVIROTECH, INC. MOBILE DRILL RIG (CME 75)

101 FEET, N40E FROM WELL HEAD.

BORING #..... BH1

MW #..... 1

PAGE #..... 1

DATE STARTED 09/14/06

DATE FINISHED 09/14/06

OPERATOR..... DP

PREPARED BY NJV

DRAWING: HORTON 3 BH1.SKF DATE. 03/19/07 DWN BY: NJV

DEPTH (FT.)	INTERVAL	LITHOLOGY INTERVAL	OVM READING (ppm)	FIELD CLASSIFICATION AND REMARKS
2 4				•
6 8	,			DARK YELLOWISH ORANGE SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 15.0 FT. BELOW GRADE).
10 - 12				
14				
16 18			0.0	BH1 @ 15-17 FT. TIME: 1045 BLOW COUNT = 27 PER 2 FEET COLLECTED WITH SPLIT SPOON SAMPLER.
20 - 22				
24				
26 28				
30 - 32				NOTES: SAND. OVM - Organic Vapor Meter or Photo-ionization Detector (PID). ppm - Parts per million (unit value).
34				1
36 38				OVM CALIBRATION = 51.7 ppm with 100 ppm Isobutylence gas & response factor set @ 0.52;
40 -		-		DATE - 09/14/06, TIME - 1113.

BLAGG ENGINEERING, Inc.

P.O. BOX 87 BLOOMFIELD, NM 87413 (505) 632-1199

BORE / TEST HOLE REPORT

CLIENT:

LOCATION NAME: CONTRACTOR: EQUIPMENT USED: BP AMERICA PRODUCTION CO.

HORTON # 3 BLOW PIT UNIT G, SEC. 28, T31N, R9W BLAGG ENGINEERING, INC. / ENVIROTECH, INC.

MOBILE DRILL RIG (CME 75)

BORING LOCATION: 109 FEET, N39E FROM WELL HEAD.

BORING #..... BH2

MW #..... NA

PAGE #..... 1

DATE STARTED 09/14/06

DATE FINISHED 09/14/06

OPERATOR..... DP

PREPARED BY N.IV

DRAWING HORTON 3 BH2.SKF DATE: 03/19/07 DWN BY NJV

DEPTH (FT.)	INTERVAL	LITHOLOGY INTERVAL	OVM READING (ppm)	FIELD CLASSIFICATION AND REMARKS GROUND SURFACE
2				DARK YELLOWISH ORANGE SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM TO LOOSE, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 5.0 FT. BELOW GRADE).
6 8				
10 - 12				DARK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, AN APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (5.0 - 10.0 FT. BELOW GRADE).
14				
16 18			0.0	BH2 @ 15-17 FT. TIME: 1104 BLOW COUNT = 9 PER 2 FEET COLLECTED WITH SPLIT SPOON SAMPLER. TPH = ND DARK YELLOWISH BROWN SILTY SAND PHASING INTO SILTY CLAY, NON COHESIVE, SLIGHTLY MOIST, FIRM TO STIFF, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (15.0 - 20.0 FT. BELOW GRADE).
20 - 22		A CONTRACTOR OF THE CONTRACTOR	0.0	BH2 @ 20-22 FT. TIME: 1110 BLOW COUNT = 9 PER 2 FEET COLLECTED WITH SPLIT SPOON SAMPLER TPH = ND.
24				
26 28				
30 - 32				NOTES: - SAND SILTY SAND TO SILTY CLAY. OVM - Organic Vapor Meter or Photo-ionization Detector (PID). TPH - Total Petroleum Hydrocarbons EPA Method 8015B.
34				ND - Not detected at the Reporting Limit. ppm - Parts per million (unit value).
36 38				OVM CALIBRATION = 51.7 ppm with 100 ppm Isobutylence gas &
40 -				response factor set @ 0.52 ; DATE - 09/14/06, TIME - 1113

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-06

CLIENT:

Blagg Engineering

Lab Order:

0609187

0609187-01

Client Sample ID: BH2 @ 15'-17'

Collection Date: 9/14/2006 11:04:00 AM

Project: Lab ID: Horton #3-Blow Pit

Date Received: 9/15/2006

Matrix: SOIL

Analyses	Result	PQL Q	ıal Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/20/2006 12:09.13 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/20/2006 12:09·13 PM
Surr. DNOP	89.3	61.7-135	%REC	1	9/20/2006 12:09:13 PM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/21/2006 7:26·57 PM
Surr BFB	104	84.5-129	%REC	1	9/21/2006 7:26:57 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-06

CLIENT: Lab Order: Blagg Engineering

0609187

Horton #3-Blow Pit

Project: Lab ID:

0609187-02

Client Sample ID: BH2 @ 20'-22'

Collection Date: 9/14/2006 11:10:00 AM

Date Received: 9/15/2006

Matrix: SOIL

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/20/2006 12:44:21 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/20/2006 12:44:21 PM
Surr: DNOP	91.5	61 7-135	%REC	1	9/20/2006 12:44:21 PM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/21/2006 7:57:27 PM
Surr: BFB	103	84.5-129	%REC	1	9/21/2006 7 57:27 PM

Qualifiers:

Value exceeds Maximum Contaminant Level

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY 4901 Hawkins NE, Suite D	Albuquerque, New Mexico 87109 Tel. 505.345.3975 Fax 505.345.4107 www.hallenvironmental.com	ISENDEE SISTIMU	(//)	ne Onn	esiO\ze	, ьсв. ' ио ⁵ - би) фи) 28 (е	+ 181 04 80 04 50 04 80 06 80 07 PA 15 10 15 10 16 10 17 10 18 10 18 10 19 10 10 10 10 10 10 10 10 10 10 10 10 10 1	BTEX + Methory TPH Methory TPH Methory EDB (Methory B310 (PNA	X						Remarks:	
Accreditation Applie NELAC □ USACE □ Other:	Project Name: HORTON S	Project #:		Project Manager:	Life Bai.	Sampler: JH BLSS	Sample/Remperature:	Number/Volume HgCl ₂ HNO ₃ HEAL No.	1-402						Received By: (Signature)	(Aeceived By: (Signature)
CHAIN-OF-CUSTODY RECORD	Client: BLAGE ENEYNERALUC	Address: P.O. Box 87	_ \ \ \ \ \ \			Phone #: (5.25) 632-1199	Fax #:	Date Time Matrix Sample I.D. No.	19/2/01 1330 dille Brow R.T. @ 10						7	

Hall Environmental Analysis Laboratory

Date: 25-Oct-04

CLIENT:

Blagg Engineering

Work Order: Project: 0410193 Horton 3 **QC SUMMARY REPORT**

Method Blank

Sample ID MB-6701	Batch ID: 6701	Test Code:	SW8015	Units: mg/Kg		Analysis	Date 10/2	1/2004 4:17:57 PM	Prep D	ate 10/21/20	04
Client ID:		Run ID:	FID(17A) 2_0	041021A		SeqNo:	3150	64			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10						-		-	
Motor Oil Range Organics (MRO) Surr: DNOP	ND 8.523	50 0	10	0	85.2	60	124	0			
Sample ID MB-6701	Batch ID: 6701	Test Code:	SW8015	Units: mg/Kg		Analysis	Date 10/2	3/2004 11:37:39 A	Prep D	ate 10/21/20	04
Client ID:		Run ID:	FID(17A) 2_0)41023A		SeqNo:	3153	45			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	9.668	0	10	0	96.7	60	124	0			
Sample ID MB-6695	Batch ID: 6695	Test Code:	SW8015	Units: mg/Kg		Analysis	Date 10/2	1/2004 10:45:33 P	Prep Da	ate 10/20/20	04
Client ID:		Run ID:	PIDFID_0410	21A		SeqNo:	3149	85			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5							•		
Surr: BFB	1009	0	1000	0	101	74	118	0			

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT:

Blagg Engineering

Work Order:

0410193

Project:

Horton 3

QC SUMMARY REPORT

Method Blank

Sample ID MB-6695	Batch ID: 6695	Test Code	: SW8021	Units: mg/Kg		Analysis	Date 10/2	1/2004 10:45:33 P	Prep D	ate 10/20/20)04
Client ID:		Run ID:	PIDFID_0410	21A		SeqNo:	3149	72			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.025								-	
Toluene	ND	0.025									
Ethylbenzene	ND	0.025									
Xylenes, Total	ND	0.025									
Surr: 4-Bromofluorobenzene	1	0	1	0	100	74	118	0			

5/

Hall Environmental Analysis Laboratory

CLIENT:

Blagg Engineering

Work Order: Project: 0410193 Horton 3 Date: 25-Oct-04

QC SUMMARY REPORT

Laboratory Control Spike - generic

Complete LOS 6704	Batch ID: 6701	Test Code:	CIMODAE	Haitar malka		Apolyoi	Doto 10/2	1/2004 4:49:09 PM	Drop D	ata 40/24/20	204
Sample ID LCS-6701 Client ID:	Batch ID: 6701	Run ID:	FID(17A) 2_0	Units: mg/Kg		SegNo:			Prep D	ate 10/21/20	J04
	Dogult				%REC	·			%RPD	RPDLimit	Qual
Analyte	Result	PQL	SPK value	SPK Ref Val		LowLimit	nightimit	RPD Ref Val	70KFD	REDLIMIL	Quai
Diesel Range Organics (DRO)	55.64	10	50	0	111	67.4	117	0			
Sample ID LCSD-6701	Batch ID: 6701	Test Code:	SW8015	Units: mg/Kg		Analysi	s Date 10/2	1/2004 5:19:34 PM	Prep D	ate 10/21/20	004
Client ID:		Run ID:	FID(17A) 2_0)41021A		SeqNo:	3150	66			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54.45	10	50	0	109	67.4	117	55.64	2.17	17.4	
Sample ID LCS-6695	Batch ID: 6695	Test Code:	SW8015	Units: mg/Kg		Analysis	Date 10/2	1/2004 2:47:03 PM	Prep D	ate 10/20/20	004
Client ID:		Run ID:	PIDFID_0410)21A		SeqNo:	3149	86			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26.98	5	25	0	108	73.8	120	0	-		
Sample ID LCS-6695	Batch ID: 6695	Test Code:	SW8021	Units: mg/Kg		Analysis	Date 10/2	1/2004 2:47:03 PM	Prep Da	ate 10/20/20	04
Client ID:		Run ID:	PIDFID_0410	21A		SeqNo:	3149	73			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.4411	0.025	0.42	0	105	77	122	0			
Toluene	2.045	0.025	1.9	0	108	81	115	0			
Ethylbenzene	0.4101	0.025	0.41	0	100	84	117	0			
Xylenes, Total	1.948	0.025	1.9	0	103	84	116	0			

Hall Environmental Analysis Laboratory Date: 25-Oct-04

CLIENT:

Blagg Engineering

Project: Lab Order: Horton 3

0410193

CASE NARRATIVE

Analytical Comments for METHOD 8015DRO_S, SAMPLE 0410193-01A: Surrogate not recovered due to dilution.

Hall Environmental Analysis Laboratory

	Sample	Receipt Ch	leckiist				
Client Name BLAGG			Date and Time	Received:			
Work Order Number 0410193			,Received by	AMG			
Checklist completed by Signature	la p	Date	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Matrix	Carrier name	Greyhound					
Shipping container/cooler in good condition?		Yes 🔽	No 🗆	Not Present			
Custody seals intact on shipping container/cool	er?	Yes 🗌	No 🗆	Not Present	✓	Not Shipped	
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	N/A	✓		
Chain of custody present?		Yes 🗹	No 🗆				
Chain of custody signed when relinquished and	received?	Yes 🗹	No 🗌				
Chain of custody agrees with sample labels?		Yes 🗹	No 🗀				
Samples in proper container/bottle?		Yes 🗹	No 🗆				
Sample containers intact?		Yes 🗹	No 🗀				
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌				
All samples received within holding time?		Yes 🗹	No 🗌				
Vater - VOA vials have zero headspace?	No VOA vials subn	nitted 🗹	Yes	No 🗆			
Water - pH acceptable upon receipt?		Yes 🗌	No 🗌	N/A 🗹			
Container/Temp Blank temperature?		4°	4° C ± 2 Accepta If given sufficient				
COMMENTS:							
	======		=====			=====	==:
Client contacted	Date contacted:		Pers	on contacted			
Contacted by:	Regarding						
Comments:							
		· · · · · · · · · · · · · · · · · · ·					
Corrective Action							
Corrective Action							

65 22-11 Belinquished Belinquished	CHAIN-OF-C Client: 8.4865 c Address: P. O. B Bate Time N 9/14/06 1/104 S 9/14/06 1/100 S Time: Rel Date: Time: Rel	CHAIN-OF-CUSTODY RECORD Other: Other	BLAKE EINSA. / BI Amelica Project Name: RAKE EINSA. / BI Amelica Project Name: Tel. 505.345.3975 Fax 505.345.4107 Www. hallenvironmental.com	- 1	74/3	Project Manager:	2 //9 Sampler: /// Sampler: ///	Sample Temperature: (A)				5016 BHG & 20										Relinquished By: (Signature) Received By: (Signature) C4 (3-C) (Relinquished By: (Signature)
--	---	--	---	-----	------	------------------	---------------------------------	---	--	--	--	---------------	--	--	--	--	--	--	--	--	--	--

QA/QC SUMMARY REPORT

Client:

Blagg Engineering

Project: Horton #3-Blow Pit

Work Order:

Date: 22-Sep-06

0609187

Analyte	Result	Units	PQL	%Rec	LowLimit Hig	ghLimit	%RPD RPI	OLimit Qual
Method: SW8015		MBLK			D-4-1-10-	44004		0/00/00005-45-45-45-400
Sample ID: MB-11301	ND	-	10		Batch ID:	11301	Analysis Date [,]	9/20/2006 5:45:15 AM
Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	ND	mg/Kg mg/Kg	50					
Sample ID: LCS-11301		LCS			Batch ID:	11301	Analysis Date:	9/20/2006 6:20:03 AM
Diesel Range Organics (DRO)	35.04	mg/Kg	10	70.1	64.6	116		
Sample ID: LCSD-11301		LCSD			Batch ID:	11301	Analysis Date:	9/20/2006 6:54·50 AM
Diesel Range Organics (DRO)	37.38	mg/Kg	10	74 8	64.6	116	6.45 17	.4
Method: SW8015								
Sample ID: MB-11294		MBLK			Batch ID:	11294	Analysis Date:	9/19/2006 6:49:38 PM
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0					
Sample ID: LCS-11294		LCS			Batch ID:	11294	Analysis Date:	9/19/2006 7:20·12 PM
Gasoline Range Organics (GRO)	22.70	mg/Kg	5.0	90.8	73.4	115		

Qualifiers:

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

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E Value above quantitation range

J Analyte detected below quantitation limits

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG		Date and Tim	e Received:	9/18/2006
Work Order Number 0609187		Received by	/ GLS	
Checklist completed by Signature	Date	-18-06		
Matrix Carrier n	ame <u>Greyhound</u>			
Shipping container/cooler in good condition?	Yes 🗹	No 🗆	Not Present	
Custody seals intact on shipping container/cooler?	Yes 🗹	No 🗌	Not Present	Not Shipped
Custody seals intact on sample bottles?	Yes	No 🗌	N/A	
Chain of custody present?	Yes 🗹	No 🗌		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels?	Yes 🗹	No 🗌		
Samples in proper container/bottle?	Yes 🗹	No 🗌		
Sample containers intact?	Yes 🔽	No 🗆		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗌		
All samples received within holding time?	Yes 🗹	No 🗌		
Water - VOA vials have zero headspace? No VOA vials	s submitted	Yes 🗹	No 🗌	
Water - pH acceptable upon receipt?	Yes 🗌	No 🗌	N/A 🗹	
Container/Temp Blank temperature?	3°	4° C ± 2 Accept		
COMMENTS				
Client contacted Date contacted	l:	Per	son contacted	
Contacted by: Regarding				
Comments:				
Corrective Action				