

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

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

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-grade tank ☒

Operator: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505)-326-9200</u> e-mail address: _____		
Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u>		
Facility or well name: <u>FLORANCE C LS #9</u>	API #: <u>30-045- 07115</u>	U/L or Qtr/Qtr <u>L</u> Sec <u>30</u> T <u>28N</u> R <u>8W</u>
County: <u>SAN JUAN</u> Latitude <u>36.62909</u> Longitude <u>108.72692</u>	NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐	
Pit Type: Drilling ☐ Production ☒ Disposal ☐ <u>BLOW</u> Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ <u>STEEL TANK</u> Liner type: Synthetic ☐ Thickness _____ mil Clay ☐ Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled, with leak detection? Yes ☐ If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points) 10
	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	(0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points) 0
	1000 feet or more	(0 points)
Ranking Score (Total Points)		10

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 disposal location: (check the onsite box if you 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 excavations.

Additional Comments <u>PIT LOCATED APPROXIMATELY 96 FT. S37E FROM WELL HEAD.</u>	
PIT EXCAVATION: WIDTH <u>N/A ft.</u> , LENGTH <u>N/A ft.</u> , DEPTH <u>N/A ft.</u>	
PIT REMEDIATION: CLOSE AS IS: ☒ LANDFARM: ☐ COMPOST: ☐ STOCKPILE: ☐ OTHER ☒ (explain) <u>RCVD JUN 13 '07 OIL CONS. DIV.</u>	
Cubic yards: <u>N/A</u>	<u>90</u>
ESTABLISH VERTICAL EXTENT: <u>75</u> DIST. 3	

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 12/12/06 03/27/07 90
Printed Name/Title Jeff Blagg - P.E. # 11607

Signature Jeff Blagg

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: Deputy Oil & Gas Inspector,
Printed Name/Title District #3

Signature [Signature]

Date: AUG 10 2007

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80033</u> COCR NO: <u>14731</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: FLORANCE C LE WELL #: 9 TYPE: BLOW

QUAD/UNIT: L SEC: 30 TWP: 28N RNG: 8W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 1450 FSL x 1170 FWL NW/5W CONTRACTOR: HDI - ONDRE

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA

DISPOSAL FACILITY: NA REMEDIATION METHOD: NOT YET DETERMINED

LAND USE: RANGE - BLM LEASE: NM - 03549 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 96 FT. S37E FROM WELLHEAD.

DEPTH TO GROUNDWATER: <100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND / SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: TAN

COHESION (ALL OTHERS): (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): (LOOSE) FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS) NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: (YES) NO EXPLANATION - BLACK STAIN BEGINNING AT -4'

HC ODOR DETECTED: (YES) NO EXPLANATION - MODERATE / STRONG

SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS. 1

ADDITIONAL COMMENTS: 21 BBL steel tank set flush. USE Backhoe TO PULL TANK & SAMPLE. POSSIBLE TANK WAS SET IN PREVIOUS BOTTOM PIT. Backhoe limit @ 9'

OVM CALIB. READ. = 53.6 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 0830 am/pm DATE 12/5/06

SCALE

0 FT

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
<u>CB9'</u>	<u>361</u>

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
<u>CB9'</u>	<u>T/B/CL</u>	<u>0850</u>

TPH - TRIED

PIT PROFILE

P.D. = PIT DEPRESSION, B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; - = APPROX.; T.B. = TANK BOTTOM

TRAVEL NOTES: CALLOUT: _____ ONSITE: 12/5/06

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

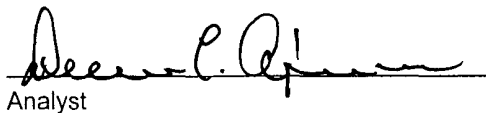
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 9'	Date Reported:	12-08-06
Laboratory Number:	39414	Date Sampled:	12-05-06
Chain of Custody No:	14731	Date Received:	12-07-06
Sample Matrix:	Soil	Date Extracted:	12-07-06
Preservative:	Cool	Date Analyzed:	12-08-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

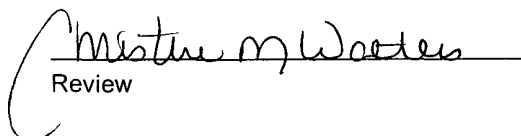
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	555	0.2
Diesel Range (C10 - C28)	740	0.1
Total Petroleum Hydrocarbons	1,300	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Florance C LS #9 Blow Tank Pit**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 9'	Date Reported:	12-08-06
Laboratory Number:	39414	Date Sampled:	12-05-06
Chain of Custody:	14731	Date Received:	12-07-06
Sample Matrix:	Soil	Date Analyzed:	12-08-06
Preservative:	Cool	Date Extracted:	12-07-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	13.2	1.8
Toluene	613	1.7
Ethylbenzene	1,630	1.5
p,m-Xylene	6,230	2.2
o-Xylene	2,250	1.0
Total BTEX	10,740	

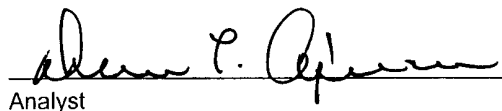
ND - Parameter not detected at the stated detection limit.

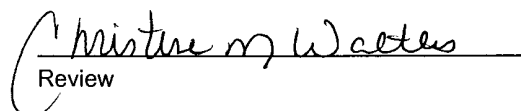
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Florance C LS #9 Blow Tank Pit


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 9'	Date Reported:	12-08-06
Lab ID#:	39414	Date Sampled:	12-05-06
Sample Matrix:	Soil	Date Received:	12-07-06
Preservative:	Cool	Date Analyzed:	12-08-06
Condition:	Cool and Intact	Chain of Custody:	14731

Parameter

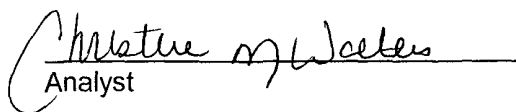
Concentration (mg/Kg)

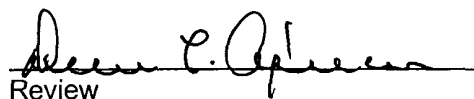
Total Chloride

76.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Florance C LS #9 Blow Tank Pit


Analyst


Review

BLAGG ENGINEERING, Inc.

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

BORE / TEST HOLE REPORT

CLIENT:

BP AMERICA PRODUCTION CO.

LOCATION NAME:

FLORANCE C LS # 9 BLOW PIT UNIT L, SEC. 30, T28N, R8W

CONTRACTOR:

BLAGG ENGINEERING, INC. / ENVIROTECH, INC.

EQUIPMENT USED:

MOBILE DRILL RIG (CME 75)

BORING LOCATION:

98 FEET, S37E FROM WELL HEAD.

BORING #..... BH1

MW #..... NA

PAGE #..... 1

DATE STARTED 03/13/07

DATE FINISHED 03/13/07

OPERATOR..... DP

PREPARED BY NJV

DEPTH (FT.)	INTERVAL	LITHOLOGY INTERVAL	OVM READING (ppm)	FIELD CLASSIFICATION AND REMARKS
				GROUND SURFACE
2				
4				
6				
8				
10				DARK YELLOWISH ORANGE TO DARK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, LOOSE TO FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 20.0 FT. BELOW GRADE).
12				
14				
16			41.9	BH1 @ 15-17 FT TIME: 1045 BLOW COUNT = 7 PER 2 FEET COLLECTED WITH SPLIT SPOON SAMPLER TPH = 58 ppm, BENZENE = ND, TOTAL BTEX = ND, CHLORIDE = 17 ppm.
18				
20			0.0	BH1 @ 20-22 FT. TIME: 1045 BLOW COUNT = 14 PER 2 FEET COLLECTED WITH SPLIT SPOON SAMPLER TPH = 32 ppm, BENZENE = ND, TOTAL BTEX = ND, CHLORIDE = 50 ppm.
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				

NOTES:

-  - SAND.
- OVM** - Organic Vapor Meter or Photo-ionization Detector (PID).
- TPH** - Total Petroleum Hydrocarbons EPA Method 8015B.
- BTEX** - Benzene, Toluene, Ethylbenzene, & total Xylenes.
- ND** - Not detected at the Reporting Limit.
- ppm** - Parts per million (unit value).

OVM CALIBRATION = 51.4 ppm
with 100 ppm Isobutylene gas &
response factor set @ 0.52,
DATE - 03/12/07, TIME - 1005

Hall Environmental Analysis Laboratory, Inc.

Date: 27-Mar-07

CLIENT: Blagg Engineering
Lab Order: 0703202
Project: Florance C LS #9
Lab ID: 0703202-01

Client Sample ID: BH1@ 15'-17' Blow Pit
Collection Date: 3/13/2007 10:45:00 AM
Date Received: 3/15/2007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	58	10		mg/Kg	1	3/22/2007 9:04 25 AM
Surr: DNOP	102	61.7-135		%REC	1	3/22/2007 9:04 25 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/16/2007 2:53:26 PM
Surr: BFB	107	84-138		%REC	1	3/16/2007 2:53:26 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	3/16/2007 2:53:26 PM
Toluene	ND	0.050		mg/Kg	1	3/16/2007 2:53:26 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/16/2007 2:53:26 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/16/2007 2:53 26 PM
Surr: 4-Bromofluorobenzene	87.0	68.2-109		%REC	1	3/16/2007 2:53:26 PM
EPA METHOD 9056A: ANIONS						Analyst: TES
Chloride	17	3.0		mg/Kg	10	3/23/2007 3:29:02 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 27-Mar-07

CLIENT: Blagg Engineering
Lab Order: 0703202
Project: Florance C LS #9
Lab ID: 0703202-02

Client Sample ID: BH1@ 20'-22' Blow Pit
Collection Date: 3/13/2007 10:50:00 AM
Date Received: 3/15/2007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	32	10		mg/Kg	1	3/22/2007 9:38:30 AM
Surr: DNOP	103	61.7-135		%REC	1	3/22/2007 9:38:30 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/16/2007 3:23:29 PM
Surr: BFB	106	84-138		%REC	1	3/16/2007 3:23:29 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	3/16/2007 3:23:29 PM
Toluene	ND	0.050		mg/Kg	1	3/16/2007 3:23:29 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/16/2007 3:23:29 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/16/2007 3:23:29 PM
Surr: 4-Bromofluorobenzene	86.9	68.2-109		%REC	1	3/16/2007 3:23:29 PM
EPA METHOD 9056A: ANIONS						Analyst: TES
Chloride	50	1.5		mg/Kg	5	3/23/2007 3:46:27 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

14731

san juan reproduction 578-129

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	12-08-06 QA/QC	Date Reported:	12-08-06
Laboratory Number:	39408	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-08-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	07-11-05	9.9355E+002	9.9454E+002	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	9.9458E+002	9.9657E+002	0.20%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

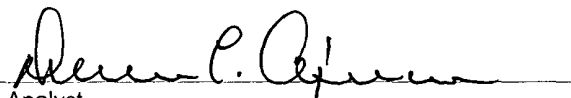
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1,460	1,450	0.7%	0 - 30%
Diesel Range C10 - C28	443	440	0.6%	0 - 30%

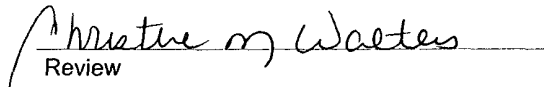
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1,460	250	1,700	99.4%	75 - 125%
Diesel Range C10 - C28	443	250	692	99.9%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 39408 - 39414


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	12-08-BTEX QA/QC	Date Reported:	12-08-06
Laboratory Number:	39408	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-08-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff:	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	3.1840E+007	3.1904E+007	0.2%	ND	0.2
Toluene	4.7880E+007	4.7976E+007	0.2%	ND	0.2
Ethylbenzene	2.2867E+007	2.2913E+007	0.2%	ND	0.2
p,m-Xylene	8.9657E+007	8.9837E+007	0.2%	ND	0.2
o-Xylene	4.4677E+007	4.4766E+007	0.2%	ND	0.1

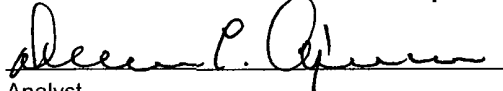
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	992	991	0.1%	0 - 30%	1.8
Toluene	2,930	2,920	0.3%	0 - 30%	1.7
Ethylbenzene	5,590	5,580	0.2%	0 - 30%	1.5
p,m-Xylene	12,570	12,560	0.1%	0 - 30%	2.2
o-Xylene	4,580	4,570	0.2%	0 - 30%	1.0

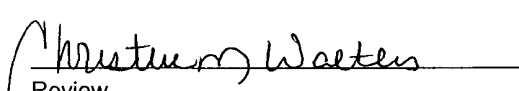
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	992	50.0	1,040	99.8%	39 - 150
Toluene	2,930	50.0	2,970	99.7%	46 - 148
Ethylbenzene	5,590	50.0	5,630	99.8%	32 - 160
p,m-Xylene	12,570	100	12,640	99.8%	46 - 148
o-Xylene	4,580	50.0	4,620	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 39408 - 39414


Analyst


Review

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

[illegible]

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: Florance C LS #9

Work Order: 0703202

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW9056A									
Sample ID: MB-12570		MBLK				Batch ID: 12570	Analysis Date: 3/23/2007 12:17:32 PM		
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-12570		LCS				Batch ID: 12570	Analysis Date: 3/23/2007 12:34:57 PM		
Chloride	15.97	mg/Kg	0.30	106	90	110			
Method: SW8015									
Sample ID: MB-12523		MBLK				Batch ID: 12523	Analysis Date: 3/20/2007 11:22:34 AM		
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Sample ID: LCS-12523		LCS				Batch ID: 12523	Analysis Date: 3/21/2007 2:51:53 AM		
Diesel Range Organics (DRO)	47.52	mg/Kg	10	95.0	64.6	116			
Sample ID: LCSD-12523		LCSD				Batch ID: 12523	Analysis Date: 3/21/2007 3:25:57 AM		
Diesel Range Organics (DRO)	49.37	mg/Kg	10	98.7	64.6	116	3.82	17.4	
Method: SW8015									
Sample ID: 0703202-02A MSD		MSD				Batch ID: 12520	Analysis Date: 3/16/2007 4:23:41 PM		
Gasoline Range Organics (GRO)	23.92	mg/Kg	5.0	84.2	69.5	120	3.25	11.6	
Sample ID: MB-12520		MBLK				Batch ID: 12520	Analysis Date: 3/16/2007 11:53:01 AM		
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-12520		LCS				Batch ID: 12520	Analysis Date: 3/16/2007 12:23:08 PM		
Gasoline Range Organics (GRO)	24.88	mg/Kg	5.0	86.8	69.5	120			
Sample ID: 0703202-02A MS		MS				Batch ID: 12520	Analysis Date: 3/16/2007 3:53:36 PM		
Gasoline Range Organics (GRO)	24.71	mg/Kg	5.0	87.4	69.5	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Blagg Engineering

Project: Florance C LS #9

Work Order: 0703202

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8021

Sample ID: 0703202-02A MSD

MSD

Batch ID: 12520 Analysis Date: 3/16/2007 4:23:41 PM

Benzene	0.2910	mg/Kg	0.050	104	62.7	114	7.19	27	
Toluene	2.025	mg/Kg	0.050	101	68.2	121	4.16	19	
Ethylbenzene	0.3964	mg/Kg	0.050	99.1	71.4	115	4.66	10	
Xylenes, Total	2.299	mg/Kg	0.10	99.9	65	135	5.57	13	

Sample ID: MB-12520

MBLK

Batch ID: 12520 Analysis Date: 3/16/2007 11:53:01 AM

Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						

Sample ID: LCS-12520

LCS

Batch ID: 12520 Analysis Date: 3/16/2007 12:23:08 PM

Benzene	0.3058	mg/Kg	0.050	109	62.7	114			
Toluene	2.158	mg/Kg	0.050	108	68.2	121			
Ethylbenzene	0.4251	mg/Kg	0.050	106	71.4	115			
Xylenes, Total	2.460	mg/Kg	0.10	107	65	135			

Sample ID: 0703202-02A MS

MS

Batch ID: 12520 Analysis Date: 3/16/2007 3:53:36 PM

Benzene	0.2708	mg/Kg	0.050	96.7	62.7	114			
Toluene	2.111	mg/Kg	0.050	106	68.2	121			
Ethylbenzene	0.4153	mg/Kg	0.050	104	71.4	115			
Xylenes, Total	2.430	mg/Kg	0.10	106	65	135			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG

Date and Time Received:

3/15/2007

Work Order Number 0703202

Received by TLS

Checklist completed by

[Signature]
Signature

March 15, 07
Date

Matrix

Carrier name Greyhound

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 submitted ☒

Yes ☐

No ☐

Water - Preservation labels on bottle and cap match?

Yes ☐

No ☐

N/A ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

15°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding

Comments:

Corrective Action