

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

Form C-144
June 1, 2004

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

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>NEIL A #8R</u> API #: <u>30-045- 27001</u> U/L or Qtr/Qtr <u>H</u> Sec <u>4</u> T <u>31N</u> R <u>11W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.92805</u> Longitude <u>107.98987</u> NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐		
RCVD APR 5 07 OIL CONS. DIV. DIST. 3		
Pit Type: Drilling ☐ Production ☒ Disposal ☐ <u>DEHYDRATOR (II)</u> Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) 0 (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) 0 (0 points)
Ranking Score (Total Points)		0

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 90 FT. N50W FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.</u>	
<u>PIT REMEDIATION: CLOSE AS IS: ☒ LANDFARM: ☐ COMPOST: ☐ STOCKPILE: ☐ OTHER ☐ (explain)</u>	
Cubic yards:	<u>N/A</u>
<u>BEDROCK BOTTOM.</u>	

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: 09/22/06

Printed Name/Title Jeff Blagg - P.E. # 11607 Signature [Signature]

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.

**Deputy Oil & Gas Inspector,
District #3**

Approval: _____
Printed Name/Title _____ Signature [Signature] Date: AUG 03 2007

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

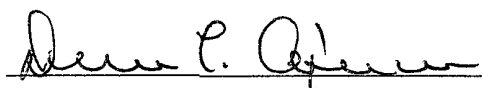
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 2'	Date Reported:	09-22-06
Laboratory Number:	38516	Date Sampled:	09-16-06
Chain of Custody No:	14699	Date Received:	09-19-06
Sample Matrix:	Soil	Date Extracted:	09-20-06
Preservative:	Cool	Date Analyzed:	09-21-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

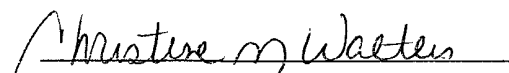
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Neil A #8R Dehy**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 2'	Date Reported:	09-22-06
Laboratory Number:	38516	Date Sampled:	09-16-06
Chain of Custody:	14699	Date Received:	09-19-06
Sample Matrix:	Soil	Date Analyzed:	09-21-06
Preservative:	Cool	Date Extracted:	09-20-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	4.4	2.2
o-Xylene	ND	1.0
Total BTEX	4.4	

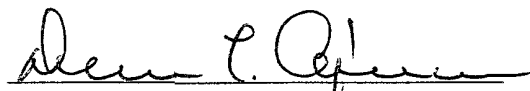
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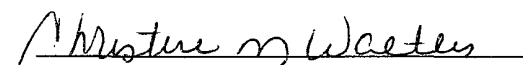
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: Neil A #8R Dehy


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 2'	Date Reported:	09-21-06
Lab ID#:	38516	Date Sampled:	09-16-06
Sample Matrix:	Soil	Date Received:	09-19-06
Preservative:	Cool	Date Analyzed:	09-21-06
Condition:	Cool and Intact	Chain of Custody:	14699

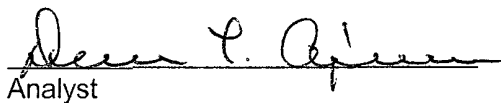
Parameter	Concentration (mg/Kg)
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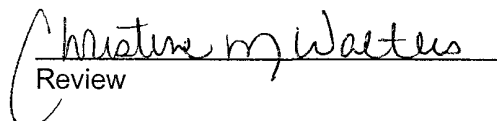
Total Chloride

72.3

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

Comments: Neil A #8R Dehy


Analyst


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CHAIN OF CUSTODY RECORD

14699

Client / Project Name BLAGG/BP			Project Location NEIL A #8R		ANALYSIS / PARAMETERS									
Sampler: JEFF BLAGG			Client No. 94034-010		No. of Containers	TPH 8015	BTEX 8021	U-				Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix										
5-POINT @ 6'	9-16-06	0850	38515	SOIL	1	X	X	X				HISTORICAL #1		
① @ 2'	"	0920	38516	"	1	X	X	X				DEHT		
3-POINT @ 5'	"	0935	38517	"	1	X	X	X				BLOW		
Relinquished by: (Signature) <i>Jeff Blagg</i>			Date 9-19-06	Time 1400	Received by: (Signature) <i>Bluh Vault</i>						Date 9/19/06	Time 1400		
Relinquished by: (Signature)					Received by: (Signature)									
Relinquished by: (Signature)					Received by: (Signature)									
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615											Sample Receipt			
												Y	N	N/A
											Received Intact	✓		
											Cool - Ice/Blue Ice	✓		

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:	09-21-06 QA/QC	Date Reported:	09-22-06
Laboratory Number:	38511	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-21-06
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	1.0068E+003	1.0078E+003	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	1.0061E+003	1.0081E+003	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

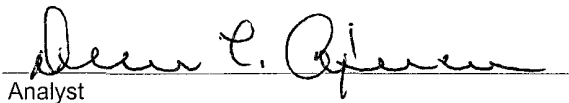
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	27.5	27.4	0.4%	0 - 30%
Diesel Range C10 - C28	45.2	44.9	0.7%	0 - 30%

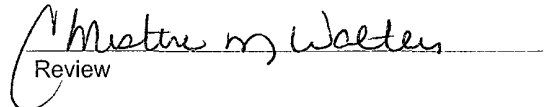
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	27.5	250	277	99.8%	75 - 125%
Diesel Range C10 - C28	45.2	250	295	99.9%	75 - 125%

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 38511 - 38519, 38529


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-21-BTEX QA/QC	Date Reported:	09-22-06
Laboratory Number:	38511	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-21-06
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	5.3410E+007	5.3517E+007	0.2%	ND	0.2
Toluene	6.6494E+007	6.6628E+007	0.2%	ND	0.2
Ethylbenzene	2.8931E+007	2.8989E+007	0.2%	ND	0.2
p,m-Xylene	1.1748E+008	1.1772E+008	0.2%	ND	0.2
o-Xylene	5.5879E+007	5.5991E+007	0.2%	ND	0.1

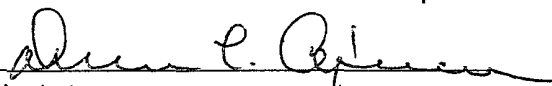
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	34.5	34.4	0.3%	0 - 30%	1.8
Toluene	130	129	0.8%	0 - 30%	1.7
Ethylbenzene	56.6	56.4	0.4%	0 - 30%	1.5
p,m-Xylene	163	162	0.6%	0 - 30%	2.2
o-Xylene	39.5	39.4	0.3%	0 - 30%	1.0

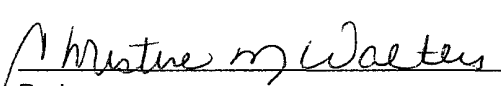
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	34.5	50.0	84.4	99.9%	39 - 150
Toluene	130	50.0	179	99.6%	46 - 148
Ethylbenzene	56.6	50.0	106	99.8%	32 - 160
p,m-Xylene	163	100	262	99.8%	46 - 148
o-Xylene	39.5	50.0	89.4	99.9%	46 - 148

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 38511 - 38517, 38529


Analyst


Review