

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 ☒

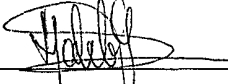
Operator: <u>Robert L. Bayless Producer LLC</u> Telephone: <u>505-326-2659</u> e-mail address: <u>hguerrero@rlbayless.com</u>		
Address: <u>PO Box 168, Farmington, NM 87499</u>		
Facility or well name: <u>Graham Federal B # 11</u> API #: <u>30 04528392</u> U/L or Qtr/Qtr O Sec 4 T 27N R 8W (SE/SW)		
County: <u>San Juan</u> Latitude <u>36.599150 N</u> Longitude <u>107.689640 W</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>94</u> bbl	Below-grade tank Volume: <u> </u> bbl Type of fluid: <u> </u> Construction material: <u> </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u> </u>	
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)
	100 feet or more X	(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 X	(0 points)
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)
	1000 feet or more X	(0 points)
Ranking Score (Total Points)		

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:
This pit has been closed and replaced with a 100 bbl water tank above ground. As per Envirotech results the samples were clean. See results attached.
RCVD MAY 30 '08
OIL CONS. DIV.
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 (attached) alternative OCD-approved plan ☐.

Date: 5/29/2008

Printed Name/Title Habib Guerrero 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.

Approval: **Deputy Oil & Gas Inspector,**
District #3
Printed Name/Title Signature  Date: JUN 02 2008

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

May 27, 2008

R.L. Bayless
Mr. Habib Guerrero
368 Hwy 170
Farmington, NM 87401

Fax: (505) 326-6911

Dear Mr. Guerrero,

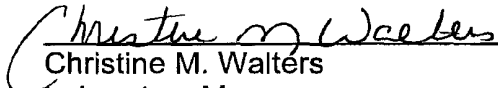
Enclosed are the analytical results for the sample collected by R.L. Bayless designated personnel on 5/20/08, and received by the Envirotech laboratory on 5/20/08 for BTEX per USEPA Method 8021 and Total Petroleum Hydrocarbons (TPH) per USEPA Method 8015.

The sample was documented on Envirotech Chain of Custody No. 4439 and assigned Laboratory No. 45520 (Graham B Fed #11) for tracking purposes.

The sample was analyzed on 5/22/08 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.


Christine M. Walters
Laboratory Manager

enc.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	R. L. Bayless	Project #:	92102-0021
Sample ID:	Graham B Fed #11	Date Reported:	05-23-08
Laboratory Number:	45520	Date Sampled:	05-20-08
Chain of Custody No:	4439	Date Received:	05-20-08
Sample Matrix:	Soil	Date Extracted:	05-21-08
Preservative:	Cool	Date Analyzed:	05-22-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3.1	0.1
Total Petroleum Hydrocarbons	3.1	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:


Analyst
Review

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:	05-22-08 QA/QC	Date Reported:	05-23-08
Laboratory Number:	45520	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-22-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	O-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1.0010E+003	1.0014E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9784E+002	9.9824E+002	0.04%	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	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	3.1	3.1	0.0%	0 - 30%

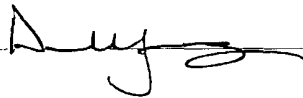
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	253	101%	75 - 125%
Diesel Range C10 - C28	3.1	250	253	100%	75 - 125%

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 45520 - 45529.**

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	R. L. Bayless	Project #:	92102-0021
Sample ID:	Graham B Fed #11	Date Reported:	05-23-08
Laboratory Number:	45520	Date Sampled:	05-20-08
Chain of Custody:	4439	Date Received:	05-20-08
Sample Matrix:	Soil	Date Analyzed:	05-22-08
Preservative:	Cool	Date Extracted:	05-21-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	5.1	1.0
Ethylbenzene	2.0	1.0
p,m-Xylene	5.1	1.2
o-Xylene	3.1	0.9
Total BTEX	15.3	

ND - Parameter not detected at the stated detection limit.

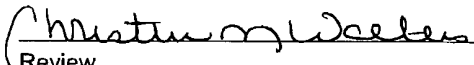
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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:


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-22-bt QA/QC	Date Reported:	05-23-08
Laboratory Number:	45520	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-22-08
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	3.3613E+007	3.3681E+007	0.2%	ND	0.1
Toluene	2.9854E+007	2.9914E+007	0.2%	ND	0.1
Ethylbenzene	2.2953E+007	2.2999E+007	0.2%	ND	0.1
p,m-Xylene	4.8235E+007	4.8332E+007	0.2%	ND	0.1
o-Xylene	2.1848E+007	2.1892E+007	0.2%	ND	0.1

Duplicate Conc (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	5.1	5.1	0.0%	0 - 30%	1.0
Ethylbenzene	2.0	2.0	0.0%	0 - 30%	1.0
p,m-Xylene	5.1	5.1	0.0%	0 - 30%	1.2
o-Xylene	3.1	3.0	3.2%	0 - 30%	0.9

Spike Conc (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	5.1	50.0	55.0	99.8%	46 - 148
Ethylbenzene	2.0	50.0	52.0	100.0%	32 - 160
p,m-Xylene	5.1	100	105	99.6%	46 - 148
o-Xylene	3.1	50.0	53.0	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 45512, 45520, and 45522 - 45529.

Analyst

Review

CHAIN OF CUSTODY RECORD

4439

Client R.L. Bayless		Project Name / Location:				ANALYSIS / PARAMETERS														
Client Address: Habib PO Box 168 Guerrero		Sampler Name: X Dennis Russell				TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)					Sample Cool	Sample Intact
Client Phone No.: 326-6911 Fax 505 255		Client No.: 0021 92102-0002																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative H ₂ O ₂ HNO ₃														
Graham Bedford #11	5/20/08	1500	45520	Soil	1-1602 jar			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Relinquished by: (Signature) X Dennis Russell					Date 5-20-08	Time 17:10	Received by: (Signature) Christine M. Walters					Date 5/20/08	Time 17:10							
Relinquished by: (Signature)							Received by: (Signature)													
Relinquished by: (Signature)							Received by: (Signature)													
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> ALBERT ARANDA 505.486.5006 </div> <div style="text-align: center;"> ENVIROTECH INC. <hr style="width: 100px; margin: 0 auto;"/> </div> <div> 5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615 </div> </div>																				

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