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: Robert L. Bayless Producer LLC Telephone: 505-326-2659 e-mail address: hguerrero@rlbayless.com
Address: PO Box 168, Farmington, NM 87499
Facility or well name: Graham Federal B # 11 API #: 30 04528392 U/L or Qtr/Qtr O Sec 4 T 27N R 8W (SE/SW)
County: San Juan Latitude 36.599150 N Longitude 107.689640 W NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☐ Production ☒ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume 94 bbl	Volume: ____bbl Type of fluid: ____ Construction material: ____ 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 **X**	(20 points) (10 points) (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 **X**	(20 points) (0 points)
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 **X**	(20 points) (10 points) (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 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 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:
Printed Name/Title Deputy Oil & Gas Inspector, District #3 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:	C-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. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
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	Project Name / Location:	ANALYSIS / PARAMETERS
R.L. Bayless		
Client Address: Habib Guerrero ~~PO Box 168~~	Sampler Name: x Dennis Russell	
Client Phone No.: 326-6911 fax 505 ~~326~~	Client No.: 0021 92102-~~0002~~	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	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
Graham B Fed #11	5/20/08	1500	45520	Soil	1-16oz jar			✓	✓											✓	✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
x Dennis Russell	5-2008	17:10	Christine M Walters	5/20/08	17:10
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ALBERT ARANDA
505.486.5006

ENVIROTECH INC.
5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615