NM1 - __11____

APPROVALS

YEAR(S):

__2015 - 2017___

State of New Mexico
Energy, Minerals and Natural Resources Department

August 28, 2017

Greg Crabtree
Envirotech, Inc.
5796 US Highway 64
Farmington, New Mexico 87401

RE: Request for Approval to Apply a Successive Lift
Envirotech, Inc.
Commercial Landfarm #2: Permit NM1-011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico

Dear Mr. Crabtree:

The Oil Conservation Division (OCD) has reviewed Envirotech, Inc.'s (Envirotech) request, dated August 23, 2017 and received August 28, 2017, to grant approval to apply an additional six-inch lift to the following cell(s): **Cells 15, 17, and 58.**

Based upon the analytical results provided, OCD hereby grants Envirotech approval to apply an additional six-inch lift of contaminated soils to the above referenced landfarm cell(s). Also, please note that with the addition of successive lifts Envirotech must initiate tilling and treatment zone monitoring and resume vadose zone monitoring. The vadose zone monitoring depth must be adjusted to reach the 2-3 foot zone below the original native ground surface.

Please be advised that approval of this request does not relieve Envirotech of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve Envirotech of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact Brad Jones on my staff at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

Jim Griswold
Environmental Bureau Chief

JG/baj
cc: OCD District III Office, Aztec

envirotech

RECEIVED OCD

2017 AUG 28 P 2:50

August 23, 2017

Mr. Brad Jones
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: ENVIROTECH'S REQUEST FOR ADDITIONAL LIFTS AT CELL 15, 17, AND 58 IN LANDFARM #2

Dear Mr. Jones:

Attached please find analytical documentation supporting our request for the application of a successive lift at Envirotech's Land Farm #2 for cells 15, 17, and 58 located at #43 Road 7175, South of Bloomfield, New Mexico. The area being submitted is shown on the attached map, marked by a green crosshatch design. As per Envirotech's request to follow the requirement in NMAC 19.15.36.15D and the OCD approval dated April 10, 2017, all cells must pass laboratory analysis less than 2500 mg/Kg, TPH (GRO, DRO, ORO) and 1000 mg/Kg chlorides prior to adding an additional lift. As stated in the treatment zone monitoring portion of Envirotech's permit, no cell sampled was larger than five (5) acres. Additionally, in compliance with our existing permit and Rule 36 the composite sample consisted of four (4) discrete samples.

The green cells (#15, 17, and 58) have passed analysis for total petroleum hydrocarbons and chlorides (see attached Laboratory Results). The TPH and chloride results are reported in parts per million (mg/Kg). Envirotech hereby requests these cells be approved for an additional lift.

Regarding the parameters found in our permit, the following cubic yard amount and depth of the treatment zone for the five (5) acre cells up to this time are provided below:

Cell 15: 5692 cy (~8") Cell 17: 12472 cy (~18") Cell 58: 12035 cy (~18")

Thank you for your consideration in this matter. If you have any questions or require additional information, please do not hesitate to contact our office at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.

Greg Crabtree
Environmental Manager
gcrabtree@envirotech-inc.com

KEY

- 1 — 5 ACRE CELL OUTLINE & LABELS
- CELL OUTLINE & LABELS
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FENCE
- BERMS
- BIO PILE
- CELL REQUSTING LIFT

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
UNIT 5
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV 1
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	8/23/17	FRA	CELL 58 LIFT

MAP DRWN	JKA	1/11/13	BASE DRWN

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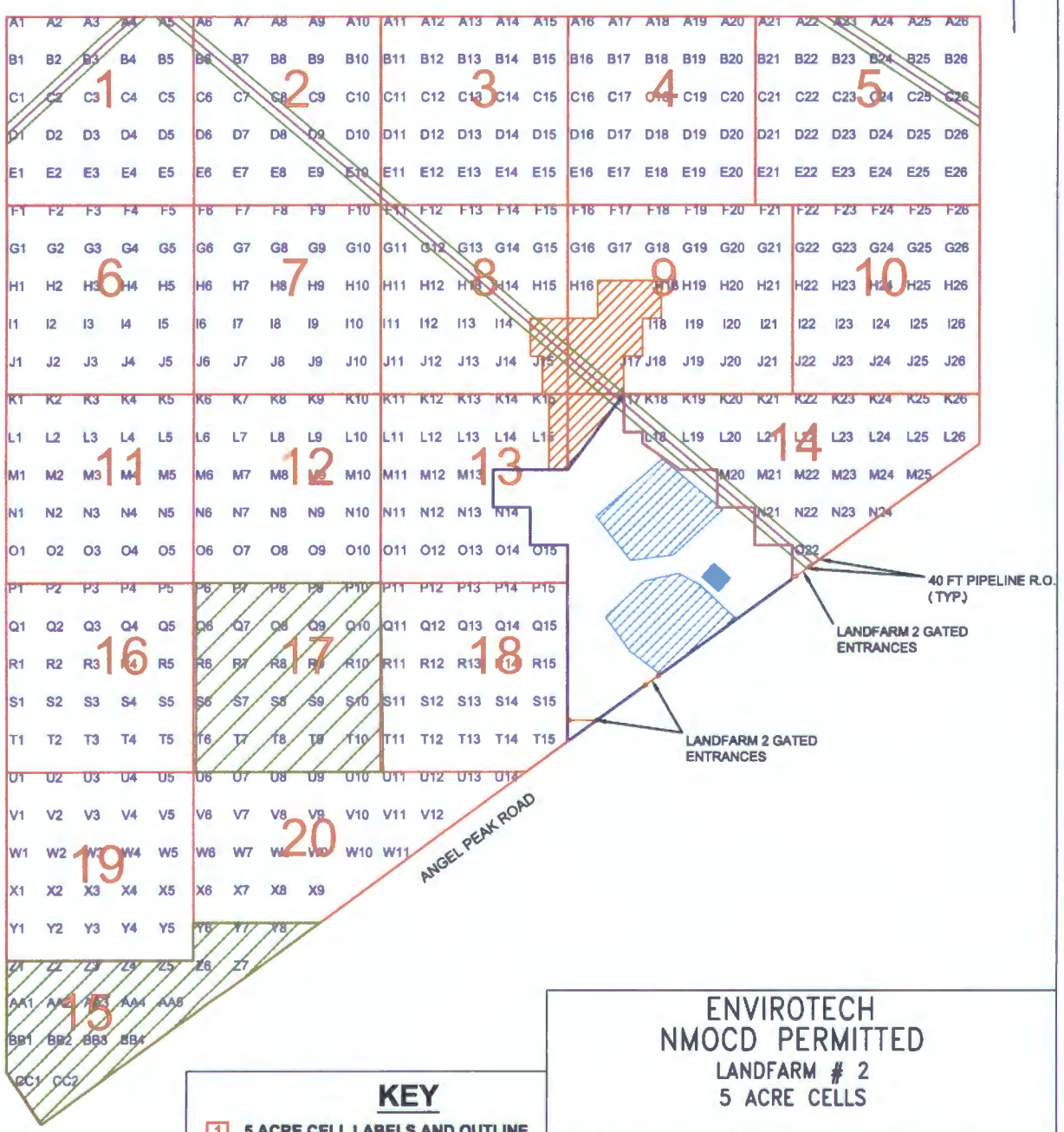
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



KEY

- 1 — 5 ACRE CELL LABELS AND OUTLINE
- A1 — CELL LABELS
- UNFARMABLE AREA OUTLINE
- BLENDING FACILITY
- BLENDING STOCKPILES
- WELLSITES
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FIELD OFFICE
- CELLS REQUESTING LIFT

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV 1
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	8/23/17	FRA	CELLS 15,17&19 LIFT

MAP DRWN	BY	DATE	BASE DRWN		
	JKA	1/11/13			

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5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Envirotech

Chain Of Custody Number:

Samples Received: 8/18/2017 2:38:00PM

Job Number: [none]

Work Order: P708055

Project Name/Location: Semi-Ann. Trtmt Zone
Event2 LF 2-5

Report Reviewed By: _____ Date: 8/22/17

Walter Hinchman, Laboratory Director

_____ Date: 8/22/17

Tim Cain, Quality Assurance Officer

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879

envirotech
Analytical Laboratory

Envirotech	Project Name:	Semi-Ann. Trtmt Zone Event2 LF 2-5	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:07

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Cell 62 LF 2-5	P708055-01A	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.
	P708055-01B	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.
Cell 58 LF 2-5	P708055-02A	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.
	P708055-02B	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

Envirotech	Project Name:	Semi-Ann. Trtmt Zone Event2 LF 2-5	
5796 US HWY 64	Project Number:		Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:07

Cell 62 LF 2-5
P708055-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8015D	
Diesel Range Organics (C10-C28)	1030	25.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Oil Range Organics (C28-C40+)	745	50.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Surrogate: n-Nonane		*122 %*		*50-200*	*1734002*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Anions by 300.0									
Chloride	75.7	20.0	mg/kg	1	1734003	08/21/17	08/21/17	EPA 300.0	

Envirotech	Project Name:	Semi-Ann. Trtmt Zone Event2 LF 2-5	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:07

Cell 58 LF 2-5
P708055-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8015D	
Diesel Range Organics (C10-C28)	**312**	25.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Oil Range Organics (C28-C40+)	**423**	50.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.6 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Surrogate: n-Nonane		*106 %*		*50-200*	*1734002*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Anions by 300.0									
Chloride	**211**	20.0	mg/kg	1	1734003	08/21/17	08/21/17	EPA 300.0	

Envirotech	Project Name:	Semi-Ann. Trtmt Zone Event2 LF 2-5	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:07

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1734004 - Purge and Trap EPA 5030A										
Blank (1734004-BLK1)				Prepared & Analyzed: 21-Aug-17						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		"	*8.00*		*96.4*	*50-150*			
LCS (1734004-BS1)				Prepared & Analyzed: 21-Aug-17						
Benzene	4.69	0.10	mg/kg	5.00		93.9	70-130			
Toluene	4.67	0.10	"	5.00		93.4	70-130			
Ethylbenzene	4.65	0.10	"	5.00		93.0	70-130			
p,m-Xylene	9.26	0.20	"	10.0		92.7	70-130			
o-Xylene	4.54	0.10	"	5.00		90.9	70-130			
Total Xylenes	13.8	0.10	"	15.0		92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.73*		"	*8.00*		*96.7*	*50-150*			
Matrix Spike (1734004-MS1)	Source: P708052-01			Prepared & Analyzed: 21-Aug-17						
Benzene	4.64	0.10	mg/kg	5.00	ND	92.9	54.3-133			
Toluene	4.60	0.10	"	5.00	ND	92.0	61.4-130			
Ethylbenzene	4.60	0.10	"	5.00	ND	92.0	61.4-133			
p,m-Xylene	9.14	0.20	"	10.0	ND	91.5	63.3-131			
o-Xylene	4.50	0.10	"	5.00	ND	90.0	63.3-131			
Total Xylenes	13.6	0.10	"	15.0	ND	91.0	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		"	*8.00*		*97.2*	*50-150*			
Matrix Spike Dup (1734004-MSD1)	Source: P708052-01			Prepared & Analyzed: 21-Aug-17						
Benzene	4.52	0.10	mg/kg	5.00	ND	90.5	54.3-133	2.66	20	
Toluene	4.48	0.10	"	5.00	ND	89.6	61.4-130	2.64	20	
Ethylbenzene	4.47	0.10	"	5.00	ND	89.5	61.4-133	2.70	20	
p,m-Xylene	8.90	0.20	"	10.0	ND	89.0	63.3-131	2.75	20	
o-Xylene	4.38	0.10	"	5.00	ND	87.6	63.3-131	2.74	20	
Total Xylenes	13.3	0.10	"	15.0	ND	88.5	63.3-131	2.75	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.79*		"	*8.00*		*97.4*	*50-150*			

envirotech
Analytical Laboratory

Envirotech	Project Name:	Semi-Ann. Trtmt Zone Event2 LF 2-5	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:07

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1734002 - DRO Extraction EPA 3570										
Blank (1734002-BLK1)				Prepared & Analyzed: 21-Aug-17						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	"							
Surrogate: n-Nonane	*58.7*		"	*50.0*		*117*	*50-200*			
LCS (1734002-BS1)				Prepared & Analyzed: 21-Aug-17						
Diesel Range Organics (C10-C28)	465	25.0	mg/kg	500		92.9	38-132			
Surrogate: n-Nonane	*50.4*		"	*50.0*		*101*	*50-200*			
Matrix Spike (1734002-MS1)	**Source: P708052-01**			Prepared & Analyzed: 21-Aug-17						
Diesel Range Organics (C10-C28)	499	25.0	mg/kg	500	ND	99.8	38-132			
Surrogate: n-Nonane	*49.9*		"	*50.0*		*99.8*	*50-200*			
Matrix Spike Dup (1734002-MSD1)	**Source: P708052-01**			Prepared & Analyzed: 21-Aug-17						
Diesel Range Organics (C10-C28)	497	25.0	mg/kg	500	ND	99.4	38-132	0.377	20	
Surrogate: n-Nonane	*51.3*		"	*50.0*		*103*	*50-200*			

Envirotech	Project Name:	Semi-Ann. Trtmt Zone Event2 LF 2-5	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:07

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1734004 - Purge and Trap EPA 5030A										
Blank (1734004-BLK1)				Prepared & Analyzed: 21-Aug-17						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.76*		"	*8.00*		*97.0*	*50-150*			
LCS (1734004-BS1)				Prepared & Analyzed: 21-Aug-17						
Gasoline Range Organics (C6-C10)	54.9	20.0	mg/kg	60.9		90.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.80*		"	*8.00*		*97.5*	*50-150*			
Matrix Spike (1734004-MS1)		Source: P708052-01		Prepared & Analyzed: 21-Aug-17						
Gasoline Range Organics (C6-C10)	54.8	20.0	mg/kg	60.9	ND	90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.93*		"	*8.00*		*99.1*	*50-150*			
Matrix Spike Dup (1734004-MSD1)		Source: P708052-01		Prepared & Analyzed: 21-Aug-17						
Gasoline Range Organics (C6-C10)	53.5	20.0	mg/kg	60.9	ND	87.8	70-130	2.40	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.96*		"	*8.00*		*99.4*	*50-150*			

Envirotech	Project Name:	Semi-Ann. Trtmt Zone Event2 LF 2-5	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:07

Anions by 300.0 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1734003 - Anion Extraction EPA 300.0										
Blank (1734003-BLK1)				Prepared & Analyzed: 21-Aug-17						
Chloride	ND	20.0	mg/kg							
LCS (1734003-BS1)				Prepared & Analyzed: 21-Aug-17						
Chloride	259	20.0	mg/kg	250		104	90-110			
Matrix Spike (1734003-MS1)		Source: P708056-01		Prepared & Analyzed: 21-Aug-17						
Chloride	3510	20.0	mg/kg	250	3150	145	80-120			SPK2
Matrix Spike Dup (1734003-MSD1)		Source: P708056-01		Prepared & Analyzed: 21-Aug-17						
Chloride	3390	20.0	mg/kg	250	3150	97.5	80-120	3.42	20	

Envirotech	Project Name:	Semi-Ann. Trtmt Zone Event2 LF 2-5	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:07

Notes and Definitions

SPK2	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to native analyte concentration at 4 times or greater than the spike concentration.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Project Information | Chain of Custody | Page 1 of 1

Client: Envirotech	
Project: Semi Ann. Int Imp Grant 2 LF2-S	
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	

Report Attention	
Report due by:	
Attention: Eric	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only		TAT		EPA Program		
Lab WO# P708055	Job Number 01	1D ✓	3D	RCRA	CWA	SDWA

State			
NM ✓	CO	UT	AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chlorides 300.0	TPH 418.1	Remarks
1040	9/18	S	2	Cell 62 LF2-S	1	X	X	X			X		4oz Glass
1058	9/18	S	2	Cell 58 FL2-S	2	X	X	X			X		4oz Glass

Analysis and Method

Additional Instructions: Vig ice in cooler

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Brittany Hall

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Brittany Hall	9/18/17	1438	[signature]	9/18/17	1438
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech
Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fx (800) 362-1879

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Envirotech

Chain Of Custody Number:

Samples Received: 8/18/2017 2:39:00PM

Job Number: [none]

Work Order: P708057

Project Name/Location: 2017 Semi-Ann
Treatement Zone LF #2

Report Reviewed By: Walter Hinchman Date: 8/22/17

Walter Hinchman, Laboratory Director

Tim Cain Date: 8/22/17

Tim Cain, Quality Assurance Officer

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

envirotech
Analytical Laboratory

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Cell 15 LF2	P708057-01A	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.
	P708057-01B	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.
Cell 19 LF2	P708057-02A	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.
	P708057-02B	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.
Cell 17 LF2	P708057-03A	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.
	P708057-03B	Soil	08/18/17	08/18/17	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Cell 15 LF2
P708057-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8015D	
Diesel Range Organics (C10-C28)	111	25.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Oil Range Organics (C28-C40+)	90.8	50.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Surrogate: n-Nonane		*108 %*		*50-200*	*1734002*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Anions by 300.0									
Chloride	258	20.0	mg/kg	1	1734003	08/21/17	08/21/17	EPA 300.0	

envirotech
Analytical Laboratory

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Cell 19 LF2
P708057-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8015D	
Diesel Range Organics (C10-C28)	**50.0**	25.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Oil Range Organics (C28-C40+)	**70.1**	50.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Surrogate: n-Nonane		*103 %*		*50-200*	*1734002*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Anions by 300.0									
Chloride	**120**	20.0	mg/kg	1	1734003	08/21/17	08/21/17	EPA 300.0	

envirotech
Analytical Laboratory

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Cell 17 LF2
P708057-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1734004	08/21/17	08/21/17	EPA 8015D	
Diesel Range Organics (C10-C28)	**126**	25.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Oil Range Organics (C28-C40+)	**117**	50.0	mg/kg	1	1734002	08/21/17	08/21/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*		*50-150*	*1734004*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Surrogate: n-Nonane		*97.3 %*		*50-200*	*1734002*	*08/21/17*	*08/21/17*	*EPA 8015D*	
Anions by 300.0									
Chloride	**67.2**	20.0	mg/kg	1	1734003	08/21/17	08/21/17	EPA 300.0	

envirotech
Analytical Laboratory

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1734004 - Purge and Trap EPA 5030A										
Blank (1734004-BLK1)				Prepared & Analyzed: 21-Aug-17						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		"	*8.00*		*96.4*	*50-150*			
LCS (1734004-BS1)				Prepared & Analyzed: 21-Aug-17						
Benzene	4.69	0.10	mg/kg	5.00		93.9	70-130			
Toluene	4.67	0.10	"	5.00		93.4	70-130			
Ethylbenzene	4.65	0.10	"	5.00		93.0	70-130			
p,m-Xylene	9.26	0.20	"	10.0		92.7	70-130			
o-Xylene	4.54	0.10	"	5.00		90.9	70-130			
Total Xylenes	13.8	0.10	"	15.0		92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.73*		"	*8.00*		*96.7*	*50-150*			
Matrix Spike (1734004-MS1)		Source: P708052-01		Prepared & Analyzed: 21-Aug-17						
Benzene	4.64	0.10	mg/kg	5.00	ND	92.9	54.3-133			
Toluene	4.60	0.10	"	5.00	ND	92.0	61.4-130			
Ethylbenzene	4.60	0.10	"	5.00	ND	92.0	61.4-133			
p,m-Xylene	9.14	0.20	"	10.0	ND	91.5	63.3-131			
o-Xylene	4.50	0.10	"	5.00	ND	90.0	63.3-131			
Total Xylenes	13.6	0.10	"	15.0	ND	91.0	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		"	*8.00*		*97.2*	*50-150*			
Matrix Spike Dup (1734004-MSD1)		Source: P708052-01		Prepared & Analyzed: 21-Aug-17						
Benzene	4.52	0.10	mg/kg	5.00	ND	90.5	54.3-133	2.66	20	
Toluene	4.48	0.10	"	5.00	ND	89.6	61.4-130	2.64	20	
Ethylbenzene	4.47	0.10	"	5.00	ND	89.5	61.4-133	2.70	20	
p,m-Xylene	8.90	0.20	"	10.0	ND	89.0	63.3-131	2.75	20	
o-Xylene	4.38	0.10	"	5.00	ND	87.6	63.3-131	2.74	20	
Total Xylenes	13.3	0.10	"	15.0	ND	88.5	63.3-131	2.75	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.79*		"	*8.00*		*97.4*	*50-150*			

envirotech
Analytical Laboratory

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1734002 - DRO Extraction EPA 3570										
Blank (1734002-BLK1)				Prepared & Analyzed: 21-Aug-17						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	"							
Surrogate: n-Nonane	*58.7*		"	*50.0*		*117*	*50-200*			
LCS (1734002-BS1)				Prepared & Analyzed: 21-Aug-17						
Diesel Range Organics (C10-C28)	465	25.0	mg/kg	500		92.9	38-132			
Surrogate: n-Nonane	*50.4*		"	*50.0*		*101*	*50-200*			
Matrix Spike (1734002-MS1)		Source: P708052-01		Prepared & Analyzed: 21-Aug-17						
Diesel Range Organics (C10-C28)	499	25.0	mg/kg	500	ND	99.8	38-132			
Surrogate: n-Nonane	*49.9*		"	*50.0*		*99.8*	*50-200*			
Matrix Spike Dup (1734002-MSD1)		Source: P708052-01		Prepared & Analyzed: 21-Aug-17						
Diesel Range Organics (C10-C28)	497	25.0	mg/kg	500	ND	99.4	38-132	0.377	20	
Surrogate: n-Nonane	*51.3*		"	*50.0*		*103*	*50-200*			

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1734004 - Purge and Trap EPA 5030A										
Blank (1734004-BLK1)				Prepared & Analyzed: 21-Aug-17						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.76*		"	*8.00*		*97.0*	*50-150*			
LCS (1734004-BS1)				Prepared & Analyzed: 21-Aug-17						
Gasoline Range Organics (C6-C10)	54.9	20.0	mg/kg	60.9		90.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.80*		"	*8.00*		*97.5*	*50-150*			
Matrix Spike (1734004-MS1)		**Source: P708052-01**		Prepared & Analyzed: 21-Aug-17						
Gasoline Range Organics (C6-C10)	54.8	20.0	mg/kg	60.9	ND	90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.93*		"	*8.00*		*99.1*	*50-150*			
Matrix Spike Dup (1734004-MSD1)		**Source: P708052-01**		Prepared & Analyzed: 21-Aug-17						
Gasoline Range Organics (C6-C10)	53.5	20.0	mg/kg	60.9	ND	87.8	70-130	2.40	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.96*		"	*8.00*		*99.4*	*50-150*			

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Anions by 300.0 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1734003 - Anion Extraction EPA 300.0										
Blank (1734003-BLK1)				Prepared & Analyzed: 21-Aug-17						
Chloride	ND	20.0	mg/kg							
LCS (1734003-BS1)				Prepared & Analyzed: 21-Aug-17						
Chloride	259	20.0	mg/kg	250		104	90-110			
Matrix Spike (1734003-MS1)		Source: P708056-01		Prepared & Analyzed: 21-Aug-17						
Chloride	3510	20.0	mg/kg	250	3150	145	80-120			SPK2
Matrix Spike Dup (1734003-MSD1)		Source: P708056-01		Prepared & Analyzed: 21-Aug-17						
Chloride	3390	20.0	mg/kg	250	3150	97.5	80-120	3.42	20	

Envirotech	Project Name:	2017 Semi-Ann Treatement Zone LF #2	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	22-Aug-17 15:09

Notes and Definitions

SPK2	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to native analyte concentration at 4 times or greater than the spike concentration.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Project Information | Chain of Custody | Page 1 of _

Page 11 of 11

Client: Enviratech	Report Attention
Project: 2017 semi. Ann. Treatment zone LF#2	Report due by:
Project Manager: Felipe Aragon	Attention: Eric
Address:	Address:
City, State, Zip	City, State, Zip
Phone:	Phone:
Email:	Email:

Lab Use Only: Lab WO# P708057 | Job Number 01

TAT: 1D ✓ | 3D

EPA Program: RCRA | CWA | SDWA

State: NM ✓ | CO | UT | AZ

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chlorides 300.0 | TPH 418.1

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chlorides 300.0	TPH 418.1	Remarks
0920	8/8	S	2	Cell 15 LF2	1	X	X	X			X		4oz Glass
0945	8/8	S	2	Cell 19 LF2	2	X	X	X			X		4oz Glass
1020	8/8	S	2	Cell 17 LF2	3	X	X	X			X		4oz Glass

Additional Instructions: Vig ice in cooler

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Brittany Hall

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Brittany Hall	9/9/17	1439	[signature]	9/14/17	1239
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only: Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4.1

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Tony Delfin
Acting Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division

November 10, 2016

Greg Crabtree
Envirotech, Inc.
5796 US Highway 64
Farmington, New Mexico 87401

RE: Request for Approval to Reuse Remediated Soils for the Stabilization/Solidification of Drilling Mud, Tank Bottoms, and Sludge
Envirotech, Inc.
Commercial Landfarm #2: Permit NM1-011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico

Dear Mr. Crabtree:

The Oil Conservation Division (OCD) has reviewed Envirotech, Inc.'s (Envirotech) request, dated November 3, 2016 and received by OCD via email on November 10, 2016, to remove approximately 28,790 cubic yards of remediated soils from **Cells 30 and 33**; stockpile in a designated bermed area; and utilize the remediated soils for the stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge. The analytical results provided in the request, demonstrates that Envirotech has remediated the contaminated soils within **Cells 30 and 33** to the concentration limits that would allow OCD the authority approval the application of additional lift.

OCD hereby grants Envirotech approval to reuse the remediated soils from **Cells 30 and 33** for the stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge with the following conditions:

Cells 30 and 33:

- Envirotech shall control blowing dust and reduce the potential of fugitive dust emissions while transferring the remediated soils from **Cells 30 and 33** to the designated stockpile area. Pursuant Paragraph (6) of Subsection C of Section 15 of 19.15.36 NMAC, operational requirements regarding landfarms, Envirotech may "add moisture, as necessary," to the remediated soils "to control blowing dust."

- Envirotech shall complete a vadose zone monitoring/sampling event in **Cells 30 and 33** upon the removal of the remediated soils to the original native ground surface in each landfarm cell.

- If the remediated soils are removed in a phased approach, Envirotech shall complete a vadose zone monitoring/sampling event upon the removal of the remediated soils to the original native ground surface within each landfarm cell.

- Envirotech shall comply with the release response provision of Paragraph (5) of Subsection E of 19.15.36.15 NMAC, if "vadose zone sampling results show that the concentrations of TPH, BTEX or chlorides exceed the higher of the PQL or the background soil concentrations."

- Envirotech shall obtain OCD approval prior to the placement and application of contaminated soils within **Cells 30 and/or 33**.

Stockpiling of Remediated Soils:

- Envirotech shall ensure that the area containing the stockpiled remediated soils be properly bermed to prevent the collection of surface water run-on and control storm water run-off.

- Envirotech shall ensure that no pooling or ponding of stormwater run-off /on occurs within the bermed stockpile area. Envirotech shall remove any ponding of precipitation within twenty-four (24) hours of discovery.

- Envirotech shall ensure that the stockpiled remediated soils do not exceed a height of eight (8) feet.

- Upon placement of soils from **Cells 30 and/or 33** within the bermed stockpile area, Envirotech shall implement vadose zone sampling beneath the stockpiled soils pursuant to the conditions of Permit NM1-011 and the transitional requirements of 19.15.36.20 NMAC regarding operations.

- Envirotech shall control blowing dust and reduce the potential of fugitive dust emissions of the stockpiled remediated soils from leaving the surface waste management facility. Pursuant Paragraph (6) of Subsection C of Section 15 of 19.15.36 NMAC, operational requirements regarding landfarms, Envirotech may "add moisture, as necessary," to the stockpiled remediated soils "to control blowing dust." If necessary, OCD may require Envirotech to reduce the height of the stockpiled remediated soils to address fugitive dust emissions.

Please be advised that approval of this request does not relieve Envirotech of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve Envirotech of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact Brad Jones on my staff at (505) 476-3487 or brad.a.jones@state.nm.us.

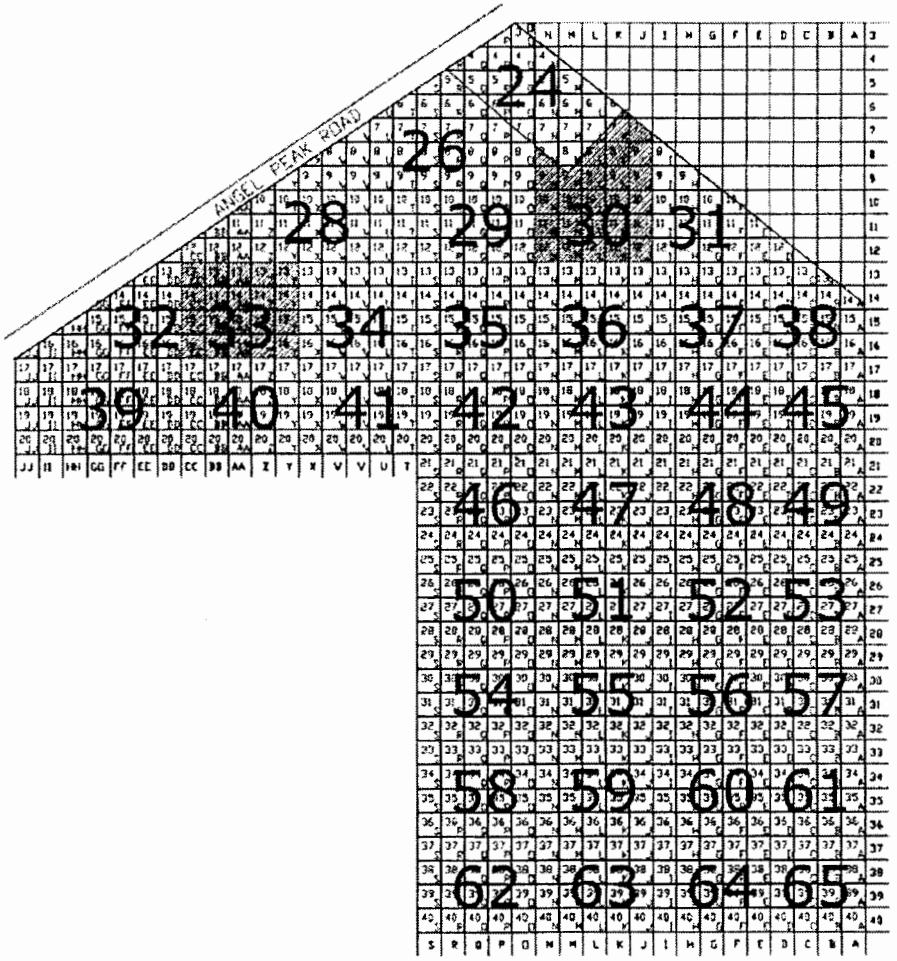
Sincerely,

Jim Griswold
Environmental Bureau Chief

JG/baj

Attachment: Facility Map (dated January 11, 2013)

cc: OCD District III Office, Aztec



LEGEND

62 5 ACRE CELL

40 CELL REQUESTING LIFT

ENVIROTECH
NMOCD PERMITED
LANDFARM # 2
UNIT 5

SCALE: 1=100'	FIGURE NO.	REV
PROJECT NO.		

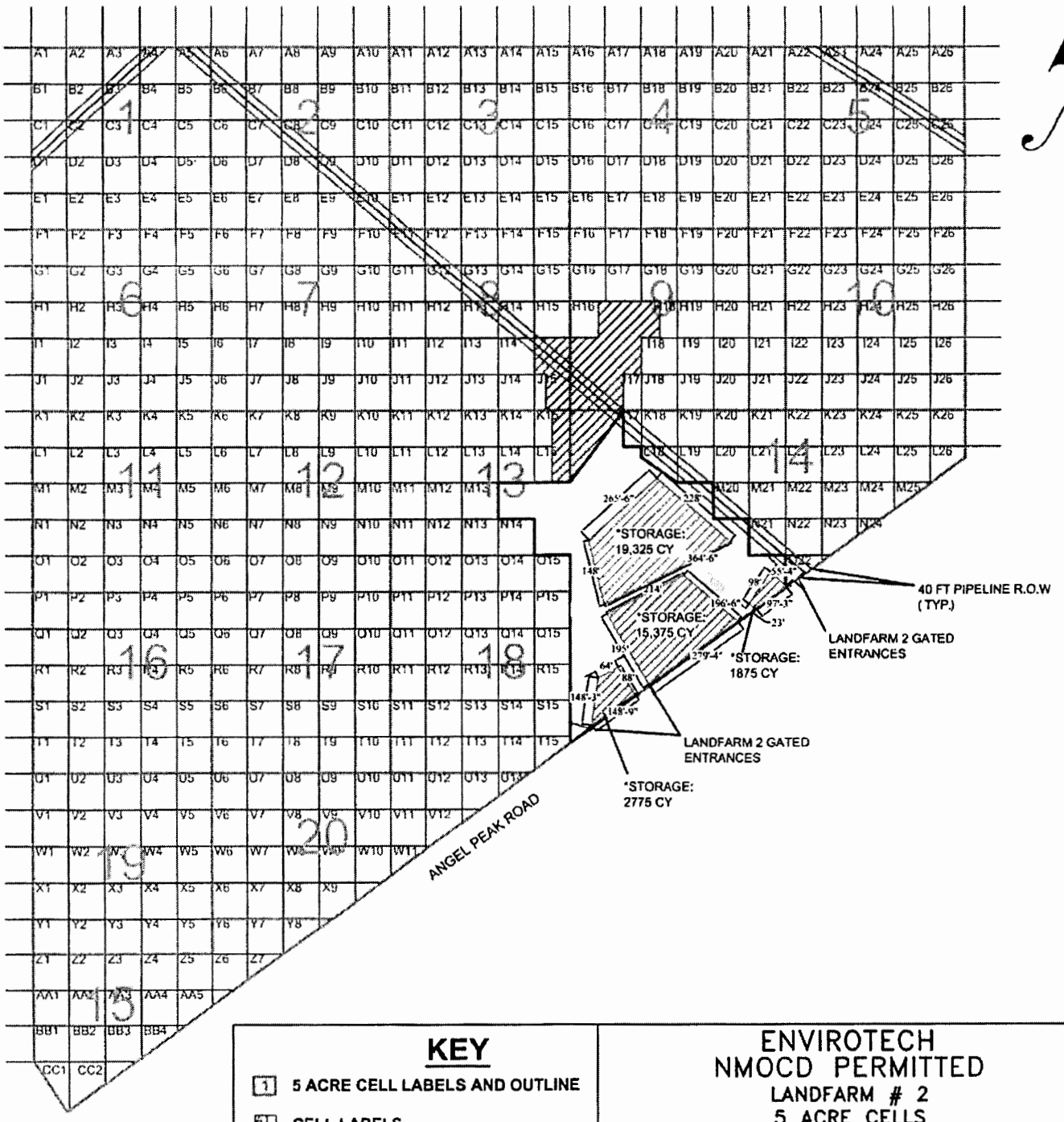
REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JMK	12-7-09	BASE DRWN		

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



KEY

- 1 — 5 ACRE CELL LABELS AND OUTLINE
- FT — CELL LABELS
- UNFARMABLE AREA OUTLINE
- BLENDING FACILITY
- BLENDING STOCKPILES
- WELLSITES
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FIELD OFFICE

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JKA	1/11/13	BASE DRWN		

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

Jones, Brad A., EMNRD

From: enviro admin <enviroadmin@envirotech-inc.com>
Sent: Thursday, November 10, 2016 2:34 PM
To: Jones, Brad A., EMNRD
Cc: Greg Crabtree; land farm
Subject: Envirotech's Request for Scraping 5-Acre Cells
Attachments: Scraping Request.pdf

Good Afternoon---

Please find attached Envirotech's Request for Scraping 5-Acre Cells. A hard copy will follow by mail.

Please let me know if you need anything else.

Sincerely,

Glenna Lawrence
Environmental Administrator
Envirotech, Inc. | 5796 US Highway 64 | Farmington, NM 87401
505.632.0615 Office | 505.632.1865 Fax | 505.947.8326 Cell
envirotech
http://envirotech-inc.com/

envirotech

November 3, 2016

Mr. Brad Jones
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: ENVIROTECH'S REQUEST FOR SCRAPING 5-ACRE CELLS:
CELL 30 AND 33 IN LANDFARM #2 UNIT 5

Dear Mr. Jones:

Envirotech hereby requests permission to scrape 5-acre cells 30 and 33 located within Envirotech's Landfarm #2 Unit 5 facility, #43 Road 7175, South of Bloomfield, New Mexico, and relocate the scraped soil to the Landfarm #2 blending facility for use as blending stock.

Envirotech proposes the scraping of cells 30 and 33 based on analysis showing that these cells have met the levels required in Envirotech's OCD Rule 711 Permit Approval NM 01-0011 dated April 8, 2002, in order to request successive lifts or removal of soil from a cell. The scraped soil will be reused to stabilize and/or solidify incoming contaminated liquid which once stabilized and/or solidified will be placed in an approved 5-acre cell for remediation.

As per Envirotech's OCD Rule 711 Permit Approval NM 01-0011 dated April 8, 2002, all cells must pass laboratory analysis with results of less than 100 ppm TPH, 50 ppm BTEX and 10 ppm benzene prior to the application of successive lifts or removal of soil from a cell. Additionally, chloride concentrations cannot exceed 1000 mg/kg. Attached please find analytical documentation supporting our request for the scraping of Envirotech's Landfarm #2 cell 30 and 33. The area being submitted is shown on the attached map, marked by a green crosshatch.

As a part of the request, Envirotech proposes to place a berm around the stock piles containing the scraped soil as it has not been proven through analysis that the soil has meet the treatment zone closure performance standards set in 19.15.36.15.F NMAC. Additionally, Envirotech proposes to implement quarterly vadose zone monitoring for TPH, BTEX, and chlorides underneath the stock piles to insure there is no migration of contaminants from the stock piles into native soil. Envirotech will continue vadose zone monitoring on a quarterly basis for as long as the stock piles are in place. The placement of the stock piles containing the scraped soil along with maximum storage capacity assuming the stockpiles do not exceed eight (8) feet is marked by the turquoise crosshatch on the attached map.

Upon completion of removal of the soil from cells 30 and 33, Envirotech will pull a four (4)-point composite sample from the native surface of each 5-acre cell and analyze it for TPH, BTEX, and chlorides to prove the prior Landfarm operations did not contaminate the vadose zone by comparing it to the background concentrations or labratory PQL. Envirotech is currently working on establishing these concentrations for backgrounds. The analysis from this sampling event will be submitted to the NMOCD for review/approval prior to the application of a new lift.

In regards to the parameters found in our permit, we are happy to provide the following cubic yard amounts and depth of the treatment zone for each five (5) acre cell up to this time:

Cell 30: 13,866 cy (~23")
Cell 33: 14,924 cy (~24")

Envirotech respectfully requests expedition of this matter to be able to serve the Four Corners region without interruption and plan for future acceptance volume.

Thank you for your consideration in this matter. If you have any questions or require additional information, please do not hesitate to contact our office at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.

Greg Crabtree
Environmental Manager
gcrabtree@envirotech-inc.com

Eric Liese
Landfarm Coordinator
landfarm@envirotech-inc.com

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Envirotech

Chain Of Custody Number:

Samples Received: 2/10/2016 4:45:00PM

Job Number: Landfarm OH

Work Order: P602013

Project Name/Location: Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling

Entire Report Reviewed By: _____ Date: 2/29/16

Tim Cain, Laboratory Manager

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
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envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Section 49	P602013-01A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 45	P602013-02A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 48	P602013-03A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 44	P602013-04A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 47	P602013-05A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 43	P602013-06A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 46	P602013-07A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 42	P602013-08A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 41	P602013-09A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 34	P602013-10A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 40	P602013-11A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 33	P602013-12A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 39	P602013-13A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 32	P602013-14A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 28	P602013-15A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 26	P602013-16A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 29	P602013-17A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 30	P602013-18A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 36	P602013-19A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 37	P602013-20A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 38	P602013-21A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 35	P602013-22A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.
Section 31	P602013-23A	Soil	02/10/16	02/10/16	Glass Jar, 4 oz.

Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Section 33

P602013-12 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1608007	02/15/16	02/18/16	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1608007	02/15/16	02/18/16	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1608007	02/15/16	02/18/16	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1608007	02/15/16	02/18/16	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1608007	02/15/16	02/18/16	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1608007	02/15/16	02/18/16	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1608007	02/15/16	02/18/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*50-150*		*1608007*	*02/15/16*	*02/18/16*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1608007	02/15/16	02/18/16	EPA 8015D	
Diesel Range Organics (C10-C28)	**78.8**	25.0	mg/kg	1	1608014	02/15/16	02/18/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*50-150*		*1608007*	*02/15/16*	*02/18/16*	*EPA 8015D*	
Surrogate: n-Nonane		*79.7 %*	*50-200*		*1608014*	*02/15/16*	*02/18/16*	*EPA 8015D*	
Cation/Anion Analysis									
Chloride	**84.3**	20.0	mg/kg	1	1608023	02/19/16	02/22/16	EPA 300.0	

Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Section 30

P602013-18 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1608007	02/15/16	02/23/16	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1608007	02/15/16	02/23/16	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1608007	02/15/16	02/23/16	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1608007	02/15/16	02/23/16	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1608007	02/15/16	02/23/16	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1608007	02/15/16	02/23/16	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1608007	02/15/16	02/23/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*		*50-150*	*1608007*	*02/15/16*	*02/23/16*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1608007	02/15/16	02/23/16	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1608014	02/15/16	02/19/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*		*50-150*	*1608007*	*02/15/16*	*02/23/16*	*EPA 8015D*	
Surrogate: n-Nonane		*86.8 %*		*50-200*	*1608014*	*02/15/16*	*02/19/16*	*EPA 8015D*	
Cation/Anion Analysis									
Chloride	ND	20.0	mg/kg	1	1608023	02/19/16	02/22/16	EPA 300.0	

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Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1608007 - Purge and Trap EPA 5030A										
Blank (1608007-BLK1)				Prepared: 15-Feb-16 Analyzed: 17-Feb-16						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	*0.159*		"	*0.160*		*99.3*	*50-150*			
LCS (1608007-BS1)				Prepared: 15-Feb-16 Analyzed: 18-Feb-16						
Benzene	9.85	0.10	mg/kg	10.0		98.5	70-130			
Toluene	9.79	0.10	"	10.0		97.9	70-130			
Ethylbenzene	9.90	0.10	"	10.0		99.1	70-130			
p,m-Xylene	19.8	0.20	"	20.0		98.9	70-130			
o-Xylene	9.69	0.10	"	10.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*0.162*		"	*0.160*		*101*	*50-150*			
Matrix Spike (1608007-MS1)		**Source: P602013-01**		Prepared: 15-Feb-16 Analyzed: 18-Feb-16						
Benzene	10.6	0.10	mg/kg	10.0	ND	106	54.3-133			
Toluene	10.6	0.10	"	10.0	0.19	104	61.4-130			
Ethylbenzene	10.5	0.10	"	10.0	ND	106	61.4-133			
p,m-Xylene	21.2	0.20	"	20.0	0.21	105	63.3-131			
o-Xylene	10.3	0.10	"	10.0	ND	103	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*0.162*		"	*0.160*		*101*	*50-150*			
Matrix Spike Dup (1608007-MSD1)		**Source: P602013-01**		Prepared: 15-Feb-16 Analyzed: 18-Feb-16						
Benzene	10.5	0.10	mg/kg	10.0	ND	105	54.3-133	1.08	20	
Toluene	10.5	0.10	"	10.0	0.19	103	61.4-130	0.856	20	
Ethylbenzene	10.5	0.10	"	10.0	ND	105	61.4-133	0.515	20	
p,m-Xylene	21.1	0.20	"	20.0	0.21	104	63.3-131	0.460	20	
o-Xylene	10.3	0.10	"	10.0	ND	103	63.3-131	0.181	20	
Surrogate: 4-Bromochlorobenzene-PID	*0.161*		"	*0.160*		*100*	*50-150*			

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Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1608010 - Purge and Trap EPA 5030A										
Blank (1608010-BLK1)				Prepared: 15-Feb-16 Analyzed: 23-Feb-16						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	*0.160*		"	*0.160*		*100*	*50-150*			
LCS (1608010-BS1)				Prepared: 15-Feb-16 Analyzed: 23-Feb-16						
Benzene	10.7	0.10	mg/kg	10.0		107	70-130			
Toluene	10.6	0.10	"	10.0		106	70-130			
Ethylbenzene	10.7	0.10	"	10.0		107	70-130			
p,m-Xylene	21.3	0.20	"	20.0		106	70-130			
o-Xylene	10.4	0.10	"	10.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*0.162*		"	*0.160*		*101*	*50-150*			
Matrix Spike (1608010-MS1)		Source: P602013-21		Prepared: 15-Feb-16 Analyzed: 23-Feb-16						
Benzene	10.6	0.10	mg/kg	10.0	ND	106	54.3-133			
Toluene	10.5	0.10	"	10.0	ND	106	61.4-130			
Ethylbenzene	10.6	0.10	"	10.0	ND	106	61.4-133			
p,m-Xylene	21.1	0.20	"	20.0	ND	106	63.3-131			
o-Xylene	10.4	0.10	"	10.0	ND	104	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*0.163*		"	*0.160*		*102*	*50-150*			
Matrix Spike Dup (1608010-MSD1)		Source: P602013-21		Prepared: 15-Feb-16 Analyzed: 23-Feb-16						
Benzene	11.0	0.10	mg/kg	10.0	ND	110	54.3-133	3.99	20	
Toluene	11.0	0.10	"	10.0	ND	110	61.4-130	4.27	20	
Ethylbenzene	11.1	0.10	"	10.0	ND	111	61.4-133	4.32	20	
p,m-Xylene	22.0	0.20	"	20.0	ND	110	63.3-131	4.15	20	
o-Xylene	10.8	0.10	"	10.0	ND	108	63.3-131	4.16	20	
Surrogate: 4-Bromochlorobenzene-PID	*0.163*		"	*0.160*		*102*	*50-150*			

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Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1608007 - Purge and Trap EPA 5030A										
Blank (1608007-BLK1)				Prepared: 15-Feb-16 Analyzed: 17-Feb-16						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*0.154*		"	*0.160*		*96.2*	*50-150*			
LCS (1608007-BS1)				Prepared: 15-Feb-16 Analyzed: 18-Feb-16						
Gasoline Range Organics (C6-C10)	115	20.0	mg/kg	106		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*0.151*		"	*0.160*		*94.1*	*50-150*			
Matrix Spike (1608007-MS1)		**Source: P602013-01**		Prepared: 15-Feb-16 Analyzed: 18-Feb-16						
Gasoline Range Organics (C6-C10)	122	20.0	mg/kg	106	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*0.151*		"	*0.160*		*94.2*	*50-150*			
Matrix Spike Dup (1608007-MSD1)		**Source: P602013-01**		Prepared: 15-Feb-16 Analyzed: 18-Feb-16						
Gasoline Range Organics (C6-C10)	118	20.0	mg/kg	106	ND	111	70-130	3.43	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*0.148*		"	*0.160*		*92.7*	*50-150*			

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Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1608010 - Purge and Trap EPA 5030A										
Blank (1608010-BLK1)				Prepared: 15-Feb-16 Analyzed: 23-Feb-16						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*0.144*		"	*0.160*		*90.0*	*50-150*			
LCS (1608010-BS1)				Prepared: 15-Feb-16 Analyzed: 23-Feb-16						
Gasoline Range Organics (C6-C10)	117	20.0	mg/kg	106		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*0.150*		"	*0.160*		*93.5*	*50-150*			
Matrix Spike (1608010-MS1)	**Source: P602013-21**			Prepared: 15-Feb-16 Analyzed: 23-Feb-16						
Gasoline Range Organics (C6-C10)	116	20.0	mg/kg	106	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*0.149*		"	*0.160*		*93.3*	*50-150*			
Matrix Spike Dup (1608010-MSD1)	**Source: P602013-21**			Prepared: 15-Feb-16 Analyzed: 23-Feb-16						
Gasoline Range Organics (C6-C10)	119	20.0	mg/kg	106	ND	113	70-130	2.46	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*0.147*		"	*0.160*		*91.8*	*50-150*			

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Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1608014 - DRO Extraction EPA 3550M										
Blank (1608014-BLK1)				Prepared: 15-Feb-16 Analyzed: 17-Feb-16						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: n-Nonane	*50.6*		"	*50.0*		*101*	*50-200*			
LCS (1608014-BS1)				Prepared: 15-Feb-16 Analyzed: 17-Feb-16						
Diesel Range Organics (C10-C28)	472	25.0	mg/kg	500		94.4	38-132			
Surrogate: n-Nonane	*42.5*		"	*50.0*		*84.9*	*50-200*			
Matrix Spike (1608014-MS1)		**Source: P602013-01**		Prepared: 15-Feb-16 Analyzed: 17-Feb-16						
Diesel Range Organics (C10-C28)	3430	25.0	mg/kg	500	3210	43.5	38-132			
Surrogate: n-Nonane	*48.1*		"	*50.0*		*96.1*	*50-200*			
Matrix Spike Dup (1608014-MSD1)		**Source: P602013-01**		Prepared: 15-Feb-16 Analyzed: 18-Feb-16						
Diesel Range Organics (C10-C28)	3710	25.0	mg/kg	500	3210	100	38-132	7.93	20	
Surrogate: n-Nonane	*50.0*		"	*50.0*		*100*	*50-200*			

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Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1608015 - DRO Extraction EPA 3550M										
Blank (1608015-BLK1)				Prepared: 16-Feb-16 Analyzed: 19-Feb-16						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: n-Nonane	*49.0*		"	*50.0*		*98.0*	*50-200*			
LCS (1608015-BS1)				Prepared: 16-Feb-16 Analyzed: 19-Feb-16						
Diesel Range Organics (C10-C28)	537	25.0	mg/kg	500		107	38-132			
Surrogate: n-Nonane	*50.8*		"	*50.0*		*102*	*50-200*			
Matrix Spike (1608015-MS1)	**Source: P602013-21**			Prepared: 16-Feb-16 Analyzed: 19-Feb-16						
Diesel Range Organics (C10-C28)	691	25.0	mg/kg	500	216	95.0	38-132			
Surrogate: n-Nonane	*47.3*		"	*50.0*		*94.6*	*50-200*			
Matrix Spike Dup (1608015-MSD1)	**Source: P602013-21**			Prepared: 16-Feb-16 Analyzed: 19-Feb-16						
Diesel Range Organics (C10-C28)	685	25.0	mg/kg	500	216	93.8	38-132	0.882	20	
Surrogate: n-Nonane	*48.4*		"	*50.0*		*96.7*	*50-200*			

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1608023 - Anion Extraction EPA 300.0										
Blank (1608023-BLK1)				Prepared: 19-Feb-16 Analyzed: 22-Feb-16						
Chloride	ND	20.0	mg/kg							
LCS (1608023-BS1)				Prepared: 19-Feb-16 Analyzed: 22-Feb-16						
Chloride	475	20.0	mg/kg	500		95.0	90-110			
Matrix Spike (1608023-MS1)	Source: P602013-01			Prepared: 19-Feb-16 Analyzed: 22-Feb-16						
Chloride	502	20.0	mg/kg	500	ND	100	80-120			
Matrix Spike Dup (1608023-MSD1)	Source: P602013-01			Prepared: 19-Feb-16 Analyzed: 22-Feb-16						
Chloride	490	20.0	mg/kg	500	ND	98.1	80-120	2.32	20	

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1608024 - Anion Extraction EPA 300.0										
Blank (1608024-BLK1)				Prepared: 19-Feb-16 Analyzed: 26-Feb-16						
Chloride	ND	20.0	mg/kg							
LCS (1608024-BS1)				Prepared: 19-Feb-16 Analyzed: 26-Feb-16						
Chloride	481	20.0	mg/kg	500		96.2	90-110			
Matrix Spike (1608024-MS1)		Source: P602013-21		Prepared: 19-Feb-16 Analyzed: 26-Feb-16						
Chloride	583	20.0	mg/kg	500	96.0	97.5	80-120			
Matrix Spike Dup (1608024-MSD1)		Source: P602013-21		Prepared: 19-Feb-16 Analyzed: 26-Feb-16						
Chloride	702	20.0	mg/kg	500	96.0	121	80-120	18.5	20	SPK1

Envirotech	Project Name:	Landfarm 2 Unit 5 1st Qtr Treatment Zone Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Greg Crabtree	29-Feb-16 17:43

Notes and Definitions

SPK1	The spike recovery is outside of quality control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Client: Enviratech

Project: Landfarm 2-5 1st Qtr. Treament Zone Sampling

Sampler: FB / SL

Phone: (505)947-9179

Email(s): Falynn, Felipe, landfarm

Project Manager: Trey Crabtree

RUSH? 1d 3d

Lab Use Only

Lab WO# P602013

Job Number Landfarm014

Page 1 of 3

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Lab Number	Correct Cont/Prsrv (s) Y/N
Section 49	2-10-16	10:06	S	1-4oz/glass/cool	✓	✓		✓	1	Y
Section 45		10:19							2	
Section 48		10:33							3	
Section 44		10:45							4	
Section 47		10:59							5	
Section 43		11:11							6	
Section 46		11:21							7	
Section 42		11:34							8	
Section 41		11:48							9	
Section 34		12:02							10	L

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Falynn Bu	2-10-16	16:43		16:45	2/10/16
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

**Received on Ice Y / N

T1____ T2____ T3____

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fx (800) 362-1879

Client: Envirotech

Project: Landfarm 2-5 1st Qtr Treatment

Sampler: FB/SL Zone Sampling

Phone: (505) 947-9179

Email(s): Falynn, Felipe, landfarm

Project Manager: Greg Crabtree

RUSH? 1d 3d

Lab Use Only

Lab WO# P 602013

Job Number Landfarm 011

Page 2 of 3

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Lab Number	Correct Cont/Prsrv (s) Y/N
Section 40	2-10-16	12:15	S	1-4oz/glass/cool	✓	✓		✓	11	Y
Section 33	"	12:25	"	"	"	"		"	12	"
Section 39	"	12:36	"	"	"	"		"	13	"
Section 32	"	12:49	"	"	"	"		"	14	"
Section 28	"	12:58	"	"	"	"		"	15	"
Section 26	"	13:12	"	"	"	"		"	16	"
Section 29	"	13:25	"	"	"	"		"	17	"
Section 30	"	13:39	"	"	"	"		"	18	"
Section 36	"	13:51	"	"	"	"		"	19	"
Section 37	"	14:04	"	"	"	"		"	20	"

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Falynn Bun	2-10-16	16:43		2/10/16	16 45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

**Received on Ice (Y) N

T1____ T2____ T3____

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865

Bloomfield • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fx (800) 362-1879

Client: Envirotech

Project: Landfarm 2-5 1st Qtr. Treatment Zone Sampling

Sampler: FB/SL

Phone: (505) 947-9179

Email(s): Falynn.Pelipe, landfarm

Project Manager: Greg Crabtree

RUSH? 1d 3d

Page 3 of 3

Lab Use Only	Analysis and Method									lab Only	
Lab WO# P602013	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	Correct Cont/Prsrv (s) Y/N
Job Number Landfarm 0H											
Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative							
Section 38	2-10-16	14:19	S	1-4oz/glass/cool	✓	✓		✓			21	Y
Section 35	"	14:39	"	"	"	"		"			22	"
Section 31	"	14:56	"	"	"	"		"			23	"

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Falynn Bell	2-10-16	16:43		2/10/16	1645
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

**Received on Ice (Y) / N

T1 4.0 T2 ____ T3 ____

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Peralta Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fx (800) 362-1879

envirotech

(505) 632-0615 (800) 362-1879

5796 U.S. Hwy 64, Farmington, NM 87401

Project No:

COC No:

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 2/10/16

DATE FINISHED: 2/10/16

ENVIRONMENTAL SPECIALIST: A Crane

FACILITY LOCATION: ENVIROTECH, INC., LANDFARM

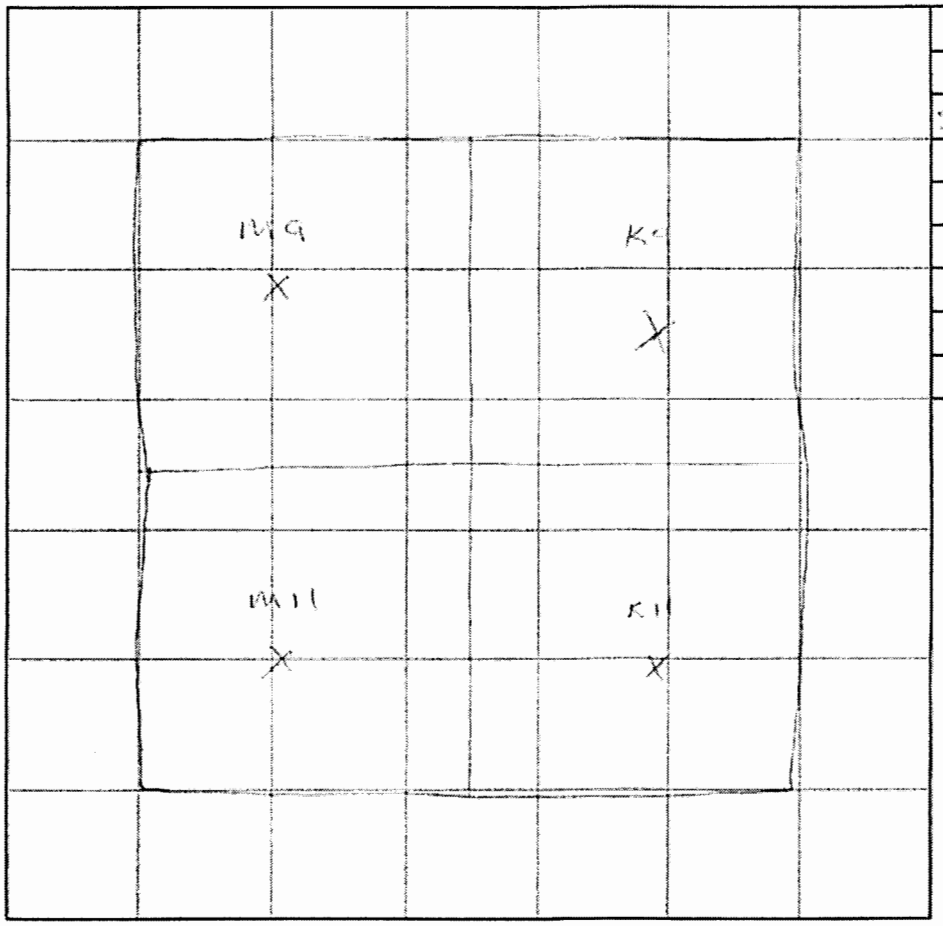
LANDFARM FIELD: 2 unit 5

CELL/ SECTION: Section 30

SOIL REMEDIATION	
	QUANTITY:
	DIMENSIONS:
	VISIBLE OBSERVATIONS:
	SAMPLING PLAN:

SAMPLE DIAGRAM

GRID SCALE:



LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
Sec 30	8015	
	8021	
	Cl	

envirotech

(505) 632-0615 (800) 362-1879

5796 U.S. Hwy 64, Farmington, NM 87401

Project No:

COC No:

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 2/10/16

DATE FINISHED: 2/10/16

ENVIRONMENTAL SPECIALIST: T Garcia

FACILITY LOCATION: ENVIROTECH, INC., LANDFARM

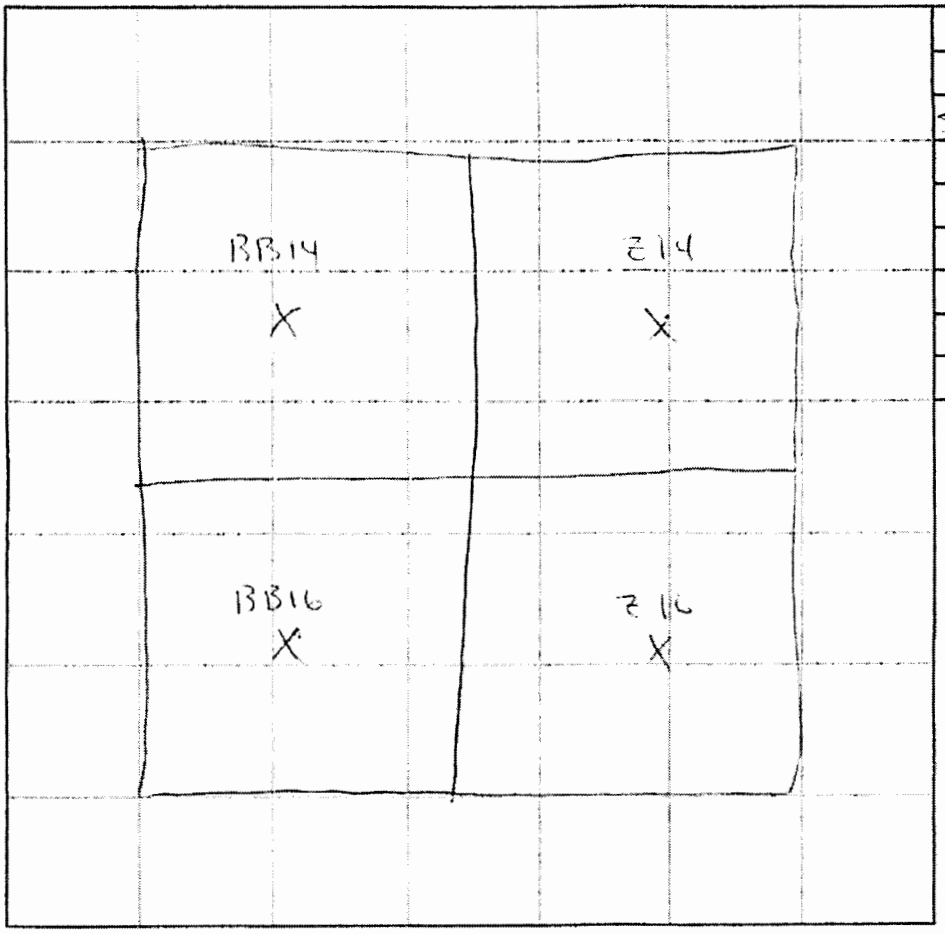
LANDFARM FIELD: 2 Unit 5

CELL/ SECTION: Section 33

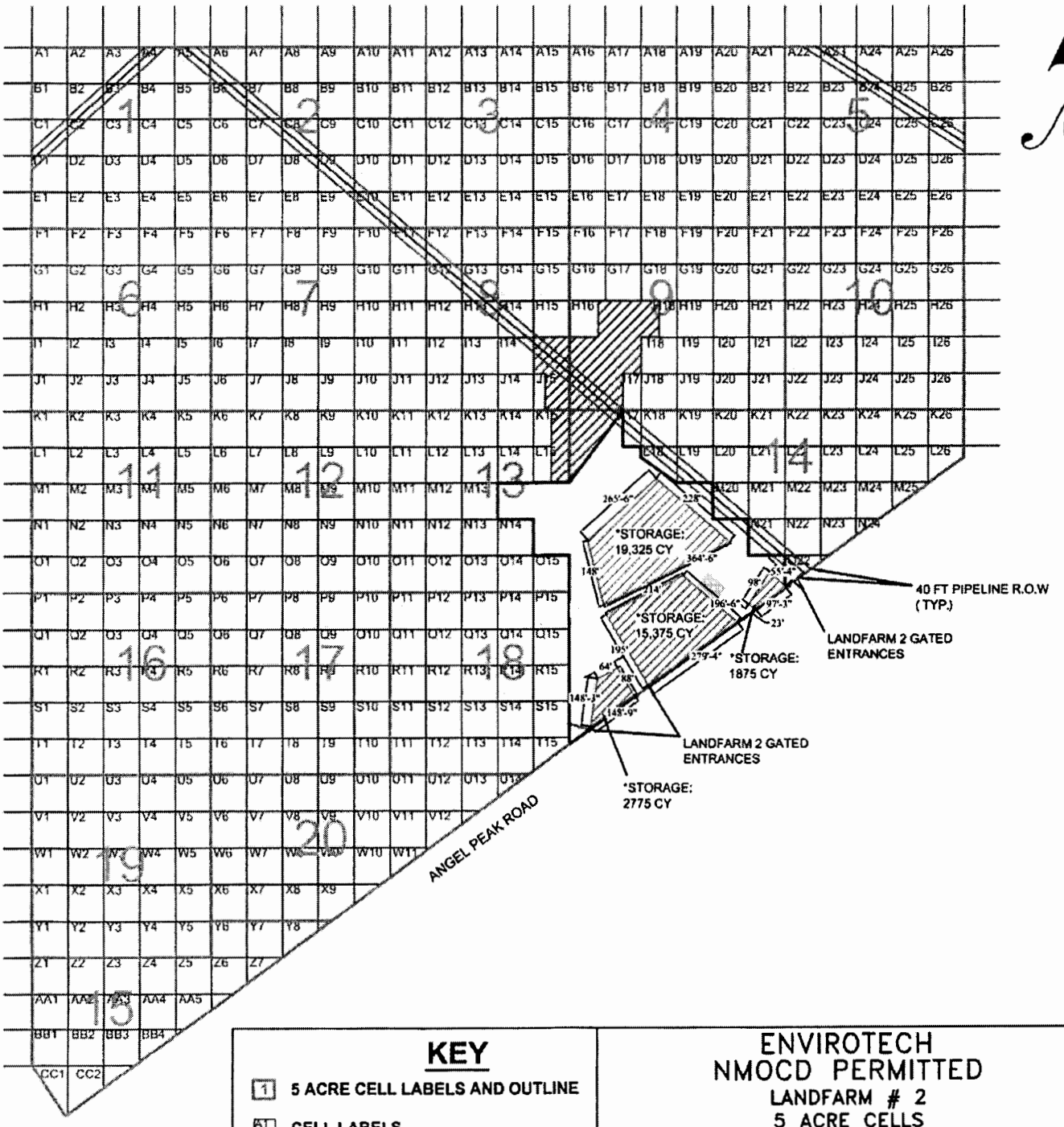
SOIL REMEDIATION	
	QUANTITY:
	DIMENSIONS:
	VISIBLE OBSERVATIONS:
	SAMPLING PLAN:

SAMPLE DIAGRAM

GRID SCALE:



LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME
Sec. 33	8015	
	8021	
	CT	



KEY

- 1 — 5 ACRE CELL LABELS AND OUTLINE
- A1 — CELL LABELS
- UNFARMABLE AREA OUTLINE
- BLENDING FACILITY
- BLENDING STOCKPILES
- WELLSITES
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FIELD OFFICE

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV
PROJECT NO.		

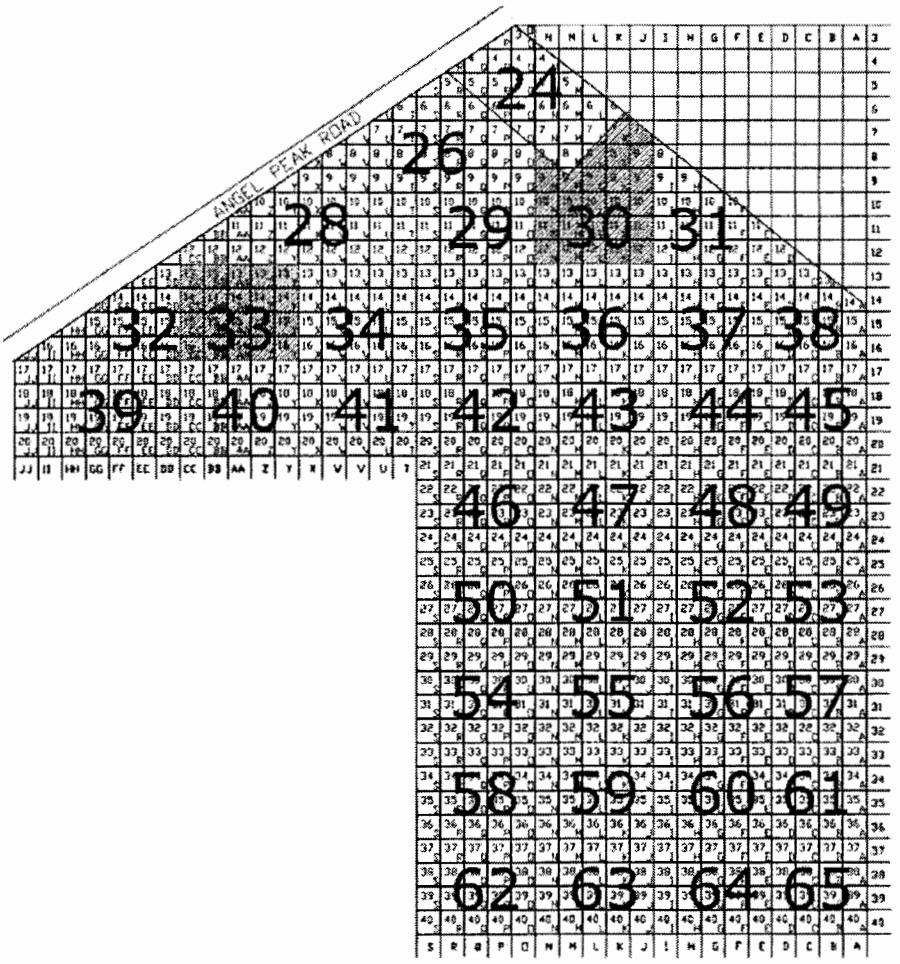
REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JKA	1/11/13	BASE DRWN		

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



N

LEGEND

62 5 ACRE CELL

40 CELL REQUESTING LIFT

ENVIROTECH
NMOCD PERMITED
LANDFARM # 2
UNIT 5

SCALE: 1=100'	FIGURE NO.	REV
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION
MAP DRWN	JMK	12-7-09	BASE DRWN

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division

June 22, 2015

Kendra Runung
Envirotech, Inc.
5796 US Highway 64
Farmington, New Mexico 87401

RE: Vadose Zone Demonstration and Additional Lift Request for Cell 11
Envirotech, Inc.
Commercial Landfarm #2: Permit NM1-011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico

Dear Ms. Runung:

The Oil Conservation Division (OCD) has reviewed Envirotech, Inc.'s (Envirotech) request, dated June 2, 2015, to reactivate Cell 11 after sampling the vadose zone (native soils) to demonstrate that a release has not occurred in the vadose zone prior to placing soils back in to the cell for landfarmimg and to grant approval to apply a six-inch lift of petroleum hydrocarbon-contaminated soils for remediation. OCD's review has determined that all the conditions regarding the vadose zone sampling, from the July 30, 2014 approval have not been properly addressed and/or demonstrated.

OCD's July 30, 2014 approval "to remove approximately 28,317 cubic yards of remediated soils from Cells 11 and 16; stockpile in a designated bermed area; and utilize the remediated soils for the stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge," specified three conditions regarding sampling the vadose zone. Such conditions are as follows:

- Envirotech shall complete a vadose zone monitoring/sampling event in **Cells 11 and 16** upon the removal of the remediated soils to the original native ground surface in each landfarm cell.

- If the remediated soils are removed in a phased approach, Envirotech shall complete a vadose zone monitoring/sampling event upon the removal of the remediated soils to the original native ground surface within each landfarm cell.

- Envirotech shall comply with the release response provision of Paragraph (5) of Subsection E of 19.15.36.15 NMAC, if "vadose zone sampling results show that the concentrations of TPH, BTEX or chlorides exceed the higher of the PQL or the background soil concentrations."

The conditions required Envirotech to sample the vadose zone when treatment zone soils have been removed to determine if a release has occurred. Envirotech's June 2, 2015 letter, states "After removal of the remediated soil, the area was sampled again to prove that native soil had been reached and that all remediated soil had been removed from the cell. Envirotech's demonstration was not compliant to OCD's conditions which was to assess the vadose zone to determine if a release has occurred while the soils were removed.

The second paragraph of the June 2, 2015 cover letter states "Cell 11 has passed analysis for total petroleum hydrocarbons, benzene, toluene, ethlybenzene, total xylenes, and chloride…" The June 2, 2015 submittal included correspondence dated April 26, 1993 from Envirotech that provided facility background data, but in the cover letter Envirotech did not recommend using the data from Cell F-17, which states "The background levels were higher than anticipated for TPH and Total Metals. This site was close to a former natural gas well pad. Subsequently a second sample was taken from Cell H-4 which we believe is more representative of the actual average background of the facility." OCD's review of the background data set and the current laboratory results for Cell 11 demonstrates that the current laboratory analysis of Cell 11 was assessed with reporting limits that exceed the 1993 background limits and/or PQLs. If the 1993 data for Cell F-17 is not valid, then the comparison to chlorides cannot be completed.

The laboratory analysis submitted for Cell 11 demonstrated Gasoline Range Organics (C_6-C_{10}) and Diesel Range Organics (C_{10}-C_{28}). Part 36 specifies EPA Method 418.1 as the required vadose zone analyses for TPH. OCD is willing to accept an equivalent method to EPA Method 418.1 that is capable of demonstrating a carbon range from C_6 to C_{36} (e.g. Method 8015 for GRO/DRO/MRO or ORO). The analysis for Cell 11 is incomplete and the comparison for this demonstration cannot be completed.

In order for Envirotech to proceed, certain issues regarding the facility background need to be resolved. Currently, Envirotech does not have the complete background data to perform the vadose zone assessment as required by OCD's July 30, 2014 approval, Permit NM1-011, and Part 36. The April 26, 1993 background data set (if the results for Cell F-17 are not considered, as recommended by Envirotech) provides results for the following 9 analytes: total petroleum hydrocarbons (TPH) by EPA Method 418.1, arsenic, barium, cadmium, calcium, chromium, lead, mercury, selenium, and silver. To complete the five year vadose zone assessment, background needs to be established for copper, iron, manganese, and zinc. If follow up and/or future quarterly vadose zone monitoring demonstrate exceedances, then the additional analysis will be needed to complete the comparison to the 46 analtyes required by 19.15.36.15.E(5) NMAC. Please submit a background sampling plan to OCD under a separate cover, for OCD's consideration of approval to update the existing background data set and complete vadose zone assessment.

OCD is unable to approve Cell 11 for an additional lift based upon the information provided in the June 2, 2015 request. Please submit a background sampling plan to OCD under a separate cover, for OCD's consideration of approval to update the existing background data set and complete the vadose zone assessment required of OCD's July 30, 2014 approval within 45 days of the date of this letter. Please ensure that the laboratory's reporting limit does not exceed the established background and/or PQLs for all future vadose zone sampling events.

OCD has implemented some new policies for submittal. For future submittals, please include a cover letter from the owner/operator, on the owner's/operator's company letterhead, that recognizes the owner/operator has reviewed the submittal, signed by the owner/operator. Also, please provide an updated facility map, for each individual sampling event, that identifies the individual landfarm cells within the facility boundary and indicate the approximate location within the landfarm cells in which the samples were obtained. If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

Brad A. Jones
Environmental Engineer

BAJ/baj

cc: OCD District III Office, Aztec

envirotech

June 2, 2015

Mr. Brad Jones
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: ENVIROTECH'S REQUEST FOR AN ADDITIONAL LIFT FOR:
CELL 11 IN LANDFARM #2

Dear Mr. Jones:

Attached please find analytical documentation supporting our request for the application of an initial lift for Envirotech's Land Farm #2, Cell 11, located at #43 Road 7175, South of Bloomfield, New Mexico. On July 30, 2014, the NMOCD approved the removal of approximately 15,000 cubic yards of remediated soil from Cell 11; to be stockpiled in a designated bermed area; and utilized for stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge. After removal of the remediated soil, the area was sampled again to prove that native soil had been reached and that all remediated soil had been removed from the cell. Attached you will find a map marked by a green crosshatch design, designating Cell 11. Additionally, you will also find the analysis showing native soil has been reached, a copy of the NMOCD approval to remove the remediated soil, as well as a copy of the initial background analysis from sampling of Landfarm 2 prior to its opening in 1993.

Cell 11 has passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene, total xylenes, and chlorides (see attached Laboratory Results). The BTEX and benzene results are reported in parts per billion (ug/Kg) and the TPH and chloride results are reported in parts per million (mg/Kg). Envirotech hereby requests this cell be approved for an initial lift.

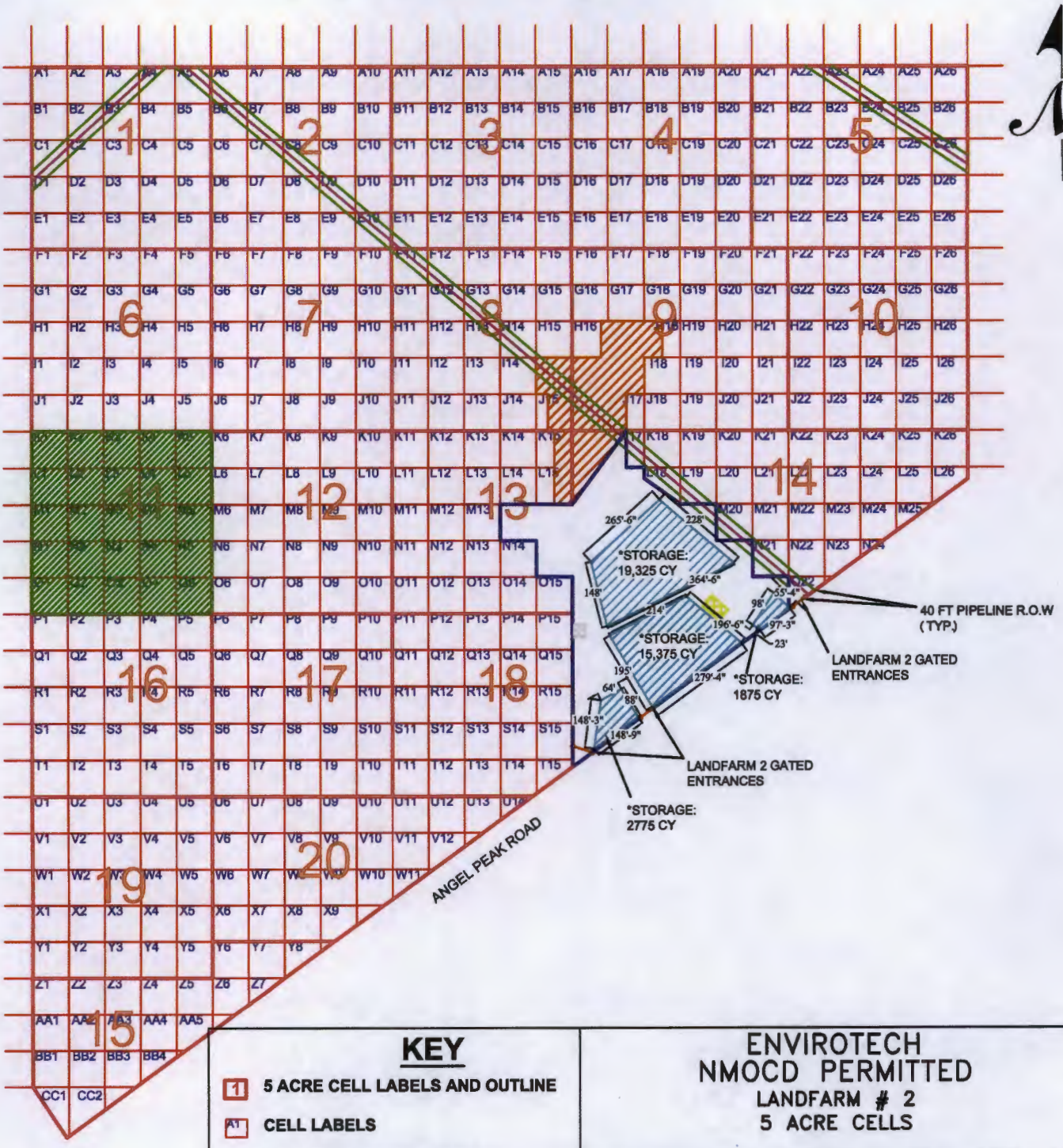
Due to the unusually large amounts of contaminated soil Envirotech has accepted recently, our Landfarm #2 suffers limited space constraints. Envirotech respectfully requests expedition of this matter to be able to serve the Four Corners region without interruption.

Thank you for your consideration in this matter. If you have any questions or require additional information, please do not hesitate to contact our office at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.

Greg Crabtree
Environmental Manager
gcrabtree@envirotech-inc.com

Kendra Runung
Waste Coordinator
krunung@envirotech-inc.com



KEY

- 1 — 5 ACRE CELL LABELS AND OUTLINE
- A1 — CELL LABELS
- UNFARMABLE AREA OUTLINE
- BLENDING FACILITY
- BLENDING STOCK
- WELLSITES
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FIELD OFFICE
- REQUEST TO SCRAPE

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JKA	1/11/13	BASE DRWN		

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Envirotech

Chain Of Custody Number:

Samples Received: 5/29/2015 9:59:00AM

Job Number: Landfarm OH

Work Order: P505077

Project Name/Location: Landfarm 2 Closure Sampling

Entire Report Reviewed By: _____ Date: 6/2/15

Tim Cain, Laboratory Manager

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Closure Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	02-Jun-15 11:53

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
11-C1	P505077-01A	Soil	05/27/15	05/29/15	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Closure Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	02-Jun-15 11:53

11-C1

P505077-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*		*50-150*	*1522011*	*05/29/15*	*05/29/15*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.80	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	34.8	mg/kg	1	1522010	05/29/15	05/29/15	EPA 8015D	
Surrogate: o-Terphenyl		*146 %*		*50-200*	*1522010*	*05/29/15*	*05/29/15*	*EPA 8015D*	
Surrogate: 4-Bromochlorobenzene-FID		*101 %*		*50-150*	*1522011*	*05/29/15*	*05/29/15*	*EPA 8015D*	
Cation/Anion Analysis									
Chloride	**11.0**	8.98	mg/kg	0.9	1522012	05/29/15	05/29/15	EPA 300.0	

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Closure Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	02-Jun-15 11:53

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1522011 - Purge and Trap EPA 5030A										
Blank (1522011-BLK1)				Prepared: 29-May-15 Analyzed: 01-Jun-15						
Benzene	ND	0.09	mg/kg							
Toluene	ND	0.09	"							
Ethylbenzene	ND	0.09	"							
p,m-Xylene	ND	0.18	"							
o-Xylene	ND	0.09	"							
Total Xylenes	ND	0.09	"							
Total BTEX	ND	0.09	"							
Surrogate: 4-Bromochlorobenzene-PID	*0.474*		"	*0.364*		*130*	*50-150*			
LCS (1522011-BS1)				Prepared: 29-May-15 Analyzed: 01-Jun-15						
Benzene	19.1	0.10	mg/kg	19.3		98.8	75-125			
Toluene	17.3	0.10	"	19.3		89.8	70-125			
Ethylbenzene	17.9	0.10	"	19.3		92.7	75-125			
p,m-Xylene	39.4	0.19	"	38.6		102	80-125			
o-Xylene	18.6	0.10	"	19.3		96.3	75-125			
Surrogate: 4-Bromochlorobenzene-PID	*0.474*		"	*0.386*		*123*	*50-150*			
Matrix Spike (1522011-MS1)	**Source: P505074-01**			Prepared: 29-May-15 Analyzed: 01-Jun-15						
Benzene	21.4	0.09	mg/kg	18.5	ND	116	75-125			
Toluene	19.3	0.09	"	18.5	ND	104	70-125			
Ethylbenzene	19.9	0.09	"	18.5	ND	107	75-125			
p,m-Xylene	42.8	0.19	"	37.1	ND	115	80-125			
o-Xylene	21.0	0.09	"	18.5	ND	113	75-125			
Surrogate: 4-Bromochlorobenzene-PID	*0.433*		"	*0.371*		*117*	*50-150*			
Matrix Spike Dup (1522011-MSD1)	**Source: P505074-01**			Prepared: 29-May-15 Analyzed: 01-Jun-15						
Benzene	22.9	0.10	mg/kg	20.2	ND	113	75-125	6.78	15	
Toluene	21.1	0.10	"	20.2	ND	104	70-125	8.99	15	
Ethylbenzene	21.8	0.10	"	20.2	ND	108	75-125	9.31	15	
p,m-Xylene	48.2	0.20	"	40.4	ND	119	80-125	11.9	15	
o-Xylene	23.0	0.10	"	20.2	ND	114	75-125	9.26	15	
Surrogate: 4-Bromochlorobenzene-PID	*0.461*		"	*0.404*		*114*	*50-150*			

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Closure Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	02-Jun-15 11:53

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1522010 - DRO Extraction EPA 3550M										
Blank (1522010-BLK1)				Prepared & Analyzed: 29-May-15						
Diesel Range Organics (C10-C28)	ND	23.6	mg/kg							
Surrogate: o-Terphenyl	*33.0*		*"*	*37.8*		*87.3*	*50-200*			
LCS (1522010-BS1)				Prepared & Analyzed: 29-May-15						
Diesel Range Organics (C10-C28)	538	23.8	mg/kg	475		113	38-132			
Surrogate: o-Terphenyl	*32.8*		*"*	*38.0*		*86.2*	*50-200*			
Matrix Spike (1522010-MS1)	**Source: P505074-01**			Prepared & Analyzed: 29-May-15						
Diesel Range Organics (C10-C28)	527	24.3	mg/kg	486	ND	108	38-132			
Surrogate: o-Terphenyl	*33.9*		*"*	*38.9*		*87.3*	*50-200*			
Matrix Spike Dup (1522010-MSD1)	**Source: P505074-01**			Prepared & Analyzed: 29-May-15						
Diesel Range Organics (C10-C28)	514	27.3	mg/kg	454	ND	113	38-132	2.36	20	
Surrogate: o-Terphenyl	*33.9*		*"*	*36.4*		*93.1*	*50-200*			

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Closure Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	02-Jun-15 11:53

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1522011 - Purge and Trap EPA 5030A										
Blank (1522011-BLK1)				Prepared: 29-May-15 Analyzed: 01-Jun-15						
Gasoline Range Organics (C6-C10)	ND	9.11	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	*0.414*		"	*0.364*		*114*	*50-150*			
LCS (1522011-BS1)				Prepared: 29-May-15 Analyzed: 01-Jun-15						
Gasoline Range Organics (C6-C10)	255	9.66	mg/kg	257		99.2	80-120			
Surrogate: 4-Bromochlorobenzene-FID	*0.415*		"	*0.386*		*107*	*50-150*			
Matrix Spike (1522011-MS1)	**Source: P505074-01**			Prepared: 29-May-15 Analyzed: 01-Jun-15						
Gasoline Range Organics (C6-C10)	289	9.27	mg/kg	247	ND	117	75-125			
Surrogate: 4-Bromochlorobenzene-FID	*0.374*		"	*0.371*		*101*	*50-150*			
Matrix Spike Dup (1522011-MSD1)	**Source: P505074-01**			Prepared: 29-May-15 Analyzed: 01-Jun-15						
Gasoline Range Organics (C6-C10)	318	10.1	mg/kg	269	ND	118	75-125	9.50	15	
Surrogate: 4-Bromochlorobenzene-FID	*0.397*		"	*0.404*		*98.1*	*50-150*			

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Closure Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	02-Jun-15 11:53

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1522012 - Anion Extraction EPA 300.0										
Blank (1522012-BLK1)				Prepared & Analyzed: 29-May-15						
Chloride	ND	9.39	mg/kg							
LCS (1522012-BS1)				Prepared & Analyzed: 29-May-15						
Chloride	505	9.62	mg/kg	481		105	90-110			
Matrix Spike (1522012-MS1)	**Source: P505074-01**			Prepared & Analyzed: 29-May-15						
Chloride	551	9.58	mg/kg	479	60.0	103	80-120			
Matrix Spike Dup (1522012-MSD1)	**Source: P505074-01**			Prepared & Analyzed: 29-May-15						
Chloride	555	9.35	mg/kg	468	60.0	106	80-120	0.614	20	

envirotech
Analytical Laboratory

Envirotech	Project Name:	Landfarm 2 Closure Sampling	
5796 US HWY 64	Project Number:	Landfarm OH	**Reported:**
Farmington NM, 87401	Project Manager:	Felipe Aragon	02-Jun-15 11:53

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Client: Envirotech

Project: Closure Sample - Landfarm 2

Sampler: F. Burns

Phone: ext. 142

Email(s): Falynn Burns : fburns@envirotech-inc.com

Project Manager: Felipe Aragon

RUSH? [X] 1d [ ] 3d

Lab Use Only
Lab WO# P505077
Job Number Landfarm oH

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	TCLP Metals	CO Table 910-1				Lab Only: Lab Number	Lab Only: Correct Cont/Prsrv (s) Y/N
11-C1	5/27/2015	12:45	s	1- 4oz./glass jar/cool	X	X		X						1	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Falynn Burns	5-27-15	5:20	M	5/29/15	959
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
**Received on Ice (Y) / N in fridge
T1 5.3 T2 ____ T3 ____
AVG Temp °C ____

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6C on subsequent days.

[ ] Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laborat
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879

RECEIVED
JUL 31 2014

State of New Mexico
Energy, Minerals and Natural Resources Department

July 30, 2014

Greg Crabtree
Envirotech, Inc.
5796 US Highway 64
Farmington, New Mexico 87401

RE: Request for Approval to Reuse Remediated Soils for the Stabilization/Solidification of Drilling Mud, Tank Bottoms, and Sludge
Envirotech, Inc.
Commercial Landfarm #2: Permit NM1-011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico

Dear Mr. Crabtree:

The Oil Conservation Division (OCD) has reviewed Envirotech, Inc.'s (Envirotech) request, dated July 25, 2014 and received by OCD on July 29, 2014, to remove approximately 28,317 cubic yards of remediated soils from **Cells 11 and 16**; stockpile in a designated bermed area; and utilize the remediated soils for the stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge. The analytical results provided in the request, demonstrates that Envirotech has remediated the contaminated soils within **Cells 11 and 16** to the concentration limits that would allow OCD the authority approval the application of additional lift.

OCD hereby grants Envirotech approval to reuse the remediated soils from **Cells 11 and 16** for the stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge with the following conditions:

Cells 11 and 16:

- Envirotech shall control blowing dust and reduce the potential of fugitive dust emissions while transferring the remediated soils from **Cells 11 and 16** to the designated stockpile area. Pursuant Paragraph (6) of Subsection C of Section 15 of 19.15.36 NMAC, operational requirements regarding landfarms, Envirotech may "add moisture, as necessary," to the remediated soils "to control blowing dust."

- Envirotech shall complete a vadose zone monitoring/sampling event in **Cells 11 and 16** upon the removal of the remediated soils to the original native ground surface in each landfarm cell.

- If the remediated soils are removed in a phased approach, Envirotech shall complete a vadose zone monitoring/sampling event upon the removal of the remediated soils to the original native ground surface within each landfarm cell.

- Envirotech shall comply with the release response provision of Paragraph (5) of Subsection E of 19.15.36.15 NMAC, if "vadose zone sampling results show that the concentrations of TPH, BTEX or chlorides exceed the higher of the PQL or the background soil concentrations."

- Envirotech shall obtain OCD approval prior to the placement and application of contaminated soils within **Cells 11 and/or 16.**

Stockpiling of Remediated Soils:

- Envirotech shall ensure that the area containing the stockpiled remediated soils be properly bermed to prevent the collection of surface water run-on and control storm water run-off.

- Envirotech shall ensure that no pooling or ponding of stormwater run-off /on occurs within the bermed stockpile area. Envirotech shall remove any ponding of precipitation within twenty-four (24) hours of discovery.

- Envirotech shall ensure that the stockpiled remediated soils do not exceed a height of eight (8) feet.

- Upon placement of soils from **Cells 11 and/or 16** within the bermed stockpile area, Envirotech shall implement vadose zone sampling beneath the stockpiled soils pursuant to the conditions of Permit NM1-011 and the transitional requirements of 19.15.36.20 NMAC regarding operations.

- Envirotech shall control blowing dust and reduce the potential of fugitive dust emissions of the stockpiled remediated soils from leaving the surface waste management facility. Pursuant Paragraph (6) of Subsection C of Section 15 of 19.15.36 NMAC, operational requirements regarding landfarms, Envirotech may "add moisture, as necessary," to the stockpiled remediated soils "to control blowing dust." If necessary, OCD may require Envirotech to reduce the height of the stockpiled remediated soils to address fugitive dust emissions.

Please be advised that approval of this request does not relieve Envirotech of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve Envirotech of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

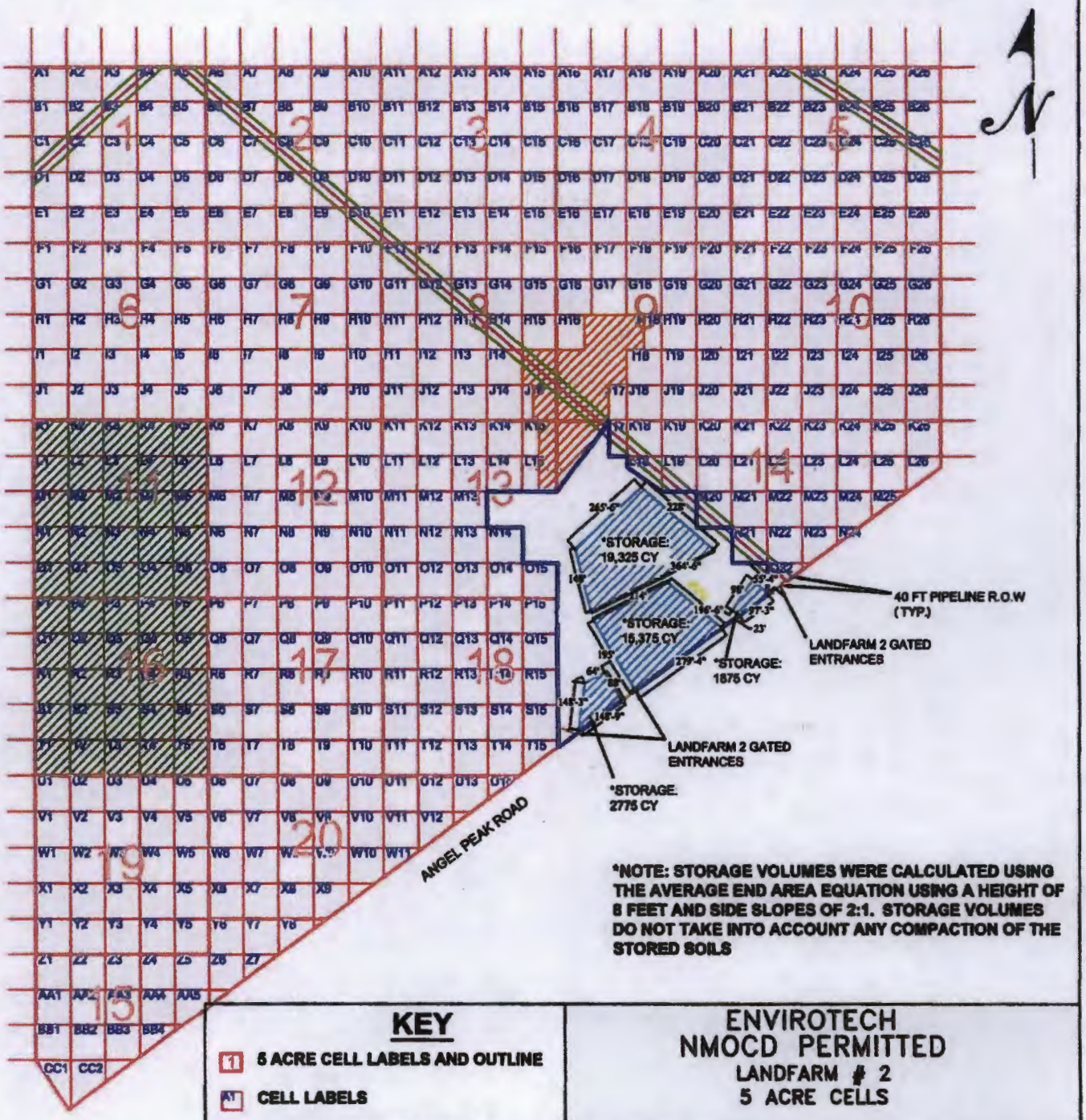
Sincerely,

Brad A. Jones
Environmental Engineer

BAJ/baj

Attachment: Facility Map (dated January 11, 2013)

cc: OCD District III Office, Aztec



*NOTE: STORAGE VOLUMES WERE CALCULATED USING THE AVERAGE END AREA EQUATION USING A HEIGHT OF 8 FEET AND SIDE SLOPES OF 2:1. STORAGE VOLUMES DO NOT TAKE INTO ACCOUNT ANY COMPACTION OF THE STORED SOILS

KEY

- 5 ACRE CELL LABELS AND OUTLINE
- CELL LABELS
- UNFARMABLE AREA OUTLINE
- BLENDING FACILITY
- BLENDING STOCK
- WELLSITES
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FIELD OFFICE
- REQUEST TO SCRAPE

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JKA	1/11/13	BASE DRWN		

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

April 26, 1993

Ms. Kathy Brown
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Ms. Brown:

Attached please find the analytical results for the background soil sample of Landfarm No. 2 as required by our September 29, 1992 Rule 711 permit.

Initially Cell F-17 was sampled. The background levels were higher than anticipated for TPH and Total Metals. This site was close to a former natural gas well pad. Subsequently a second sample was taken from Cell H-14 which we believe is more representative of the actual average background of the facility.

We appreciate working with your on this landfarm and the many other areas where you have been so helpful.

Sincerely,

Morris D. Young

Morris D. Young
President

enclosure

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

MODIFIED EPA METHOD 8015
NONHALOGENATED VOLATILE ORGANICS

Client:	Envirotech	Project #:	NA
Sample ID:	#1 Cell F-17 @ 2'	Date Reported:	03-29-93
Laboratory Number:	4816	Date Sampled:	03-19-93
Sample Matrix:	Soil	Date Received:	03-19-93
Preservative:	Cool	Date Analyzed:	03-26-93
Condition:	Cool and Intact	Analysis Requested:	TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.1
Diesel Range (C10 - C28)	18.3	0.1
C28 - C36 Range	ND	0.1
Total Petroleum Hydrocarbons	18.3	0.1

Method: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Landfarm #2 F-17, Base Line Sample

Analyst

Review

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

TRACE METAL ANALYSIS

Client:	Envirotech Land Farm	Project #:	NA
Sample ID:	#1 Cell F-17 @ 2'	Date Reported:	03-26-93
Laboratory Number:	4816	Date Sampled:	03-19-93
Sample Matrix:	Soil	Date Received:	03-19-93
Preservative:	Cool	Date Analyzed:	03-26-93
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
ARSENIC	0.70	0.001
BARIUM	27.0	0.1
CADMIUM	2.26	0.001
CHROMIUM	8.02	0.001
LEAD	3.66	0.001
MERCURY	3.40	0.002
SELENIUM	0.50	0.001
SILVER	ND	0.01

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1986

Methods 7060A, 7080A, 7131A, 7191, 7470A, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA

ND - Parameter not detected at the stated detection limit.

Comments:

Analyst

Review

2506 W. Main Street
Farmington, New Mexico 87401

Client:	Envirotech		
Sample ID:	Landfarm#2	Date Reported:	04/07/93
Laboratory ID:	26905	Date Sampled:	03/19/93
Sample Matrix:	Water	Time Sampled:	1235
Condition:	Cool/Intact	Date Received:	03/30/93

Parameter	Analytical Result	Units		Units
Lab pH	6.9	s.u.		
Lab Conductivity @ 25° C	248	umhos/cm		
Total Dissolved Solids @ 180°C	<10	mg/L		
Total Dissolved Solids (Calc)	<10	mg/L		
Total Alkalinity as CaCO3	87	mg/L		
Total Hardness as CaCO3	<1	mg/L		
Bicarbonate as HCO3	106	mg/L	1.74	meq/L
Carbonate as CO3	0	mg/L	0.00	meq/L
Hydroxide as OH	0	mg/L	0.00	meq/L
Chloride	5.1	mg/L	0.14	meq/L
Sulfate	86	mg/L	1.80	meq/L
Calcium	69	mg/L	1.73	meq/L
Magnesium	11	mg/L	0.47	meq/L
Potassium	5.1	mg/L	0.13	meq/L
Sodium	11	mg/L	0.48	meq/L
Cations			2.79	meq/L
Anions			3.68	meq/L
Cation/Anion Difference			13.76	%

Reference: U.S.E.P.A. 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
"Standard Methods For The Examination Of Water And Waste Water", 17th ed., 1989.

Reviewed by_____

ENVIROTECH LABS
5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Envirotech	Project #:	NA
Sample ID:	#1 Cell F-17 @ 2'	Date Sampled:	03-19-93
Laboratory Number:	4816	Date Received:	03-19-93
Sample Matrix:	Soil	Date Analyzed:	03-22-93
Preservative:	Cool	Date Reported:	03-22-93
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	16.3	5.0

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

ND - Parameter not detected at the stated detection limit.

Comments: Landfarm #2 F-17
Baseline Sample

Analyst

Review

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

MODIFIED EPA METHOD 8015
NONHALOGENATED VOLATILE ORGANICS
TOTAL PETROLEUM HYDROCARBONS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	03-29-93
Laboratory Number:	0326TPH.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Analyzed:	03-26-93
Condition:	NA	Analysis Requested:	TPH

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.1
Diesel Range C10 - C28	ND	0.1
C28 - C36 Range	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

Method: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:

Analyst

Review

2480

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSIS/PARAMETERS
ENVIROTECH LAND FARM	LANDFARM #2 F-17	

Sampler: (Signature): Mavis D Young

Chain of Custody Tape No.:

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	418.1 TPH	GENERAL CHEMISTRY	METALS				Remarks
#1 Cell F-17 @ 2'	3/19/93	1235	4816	Soil	2	✓	✓	✓				BASE LINE SAMPLE

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mavis D Young	3/19/93	14:28	Linda Pender	3-19-93	1425
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

San Juan regional Form 379-81

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Envirotech	Project #:	NA
Sample ID:	H-14	Date Sampled:	04-20-93
Laboratory Number:	4963	Date Received:	04-21-93
Sample Matrix:	Soil	Date Analyzed:	04-22-93
Preservative:	Cool	Date Reported:	04-22-93
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	5.5	5.0

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

ND - Parameter not detected at the stated detection limit.

Comments: Landfarm #2, Hilltop, New Mexico.

Analyst

Review

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

TRACE METAL ANALYSIS

Client:	Envirotech	Project #:	NA
Sample ID:	H - 14	Date Reported:	04-21-93
Laboratory Number:	4963	Date Sampled:	04-20-93
Sample Matrix:	Soil	Date Received:	04-21-93
Preservative:	Cool	Date Analyzed:	04-21-93
Condition:	Cool & Intact	Analysis Needed:	Trace metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
ARSENIC	ND	0.0001
BARIUM	ND	0.01
CADMIUM	0.0005	0.0001
CHROMIUM	ND	0.0001
LEAD	0.0053	0.0001
MERCURY	0.0012	0.0002
SELENIUM	ND	0.0001
SILVER	ND	0.001

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1986

Methods 7060A, 7080A, 7131A, 7191, 7470A, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA

ND - Parameter not detected at the stated detection limit.

Comments: Land Farm #1, Hilltop, New Mexico

Analyst

Review

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Sampled:	N/A
Laboratory Number:	TPSB0422	Date Received:	N/A
Sample Matrix:	Soil	Date Analyzed:	04-22-9
Preservative:	N/A	Date Reported:	04-22-9
Condition:	N/A	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg
Total Petroleum Hydrocarbons	ND	5.0

ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments:

Analyst

Review

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks	Date Reported:	04-22-93
Laboratory Number:	NA	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Analyzed:	04-21-93
Condition:	NA	Analysis Needed:	Trace Metals

Parameter	Instrument Blank (mg/Kg)	Method Blank (mg/Kg)	Det. Limit (mg/Kg)
ARSENIC	ND	ND	0.0001
BARIUM	ND	ND	0.01
CADMIUM	ND	ND	0.0001
CHROMIUM	ND	ND	0.0001
LEAD	ND	ND	0.0001
MERCURY	ND	ND	0.0002
SELENIUM	ND	ND	0.0001
SILVER	ND	ND	0.001

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1986

Methods 7060A, 7080A, 7131A, 7191, 7470A, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA

ND - Parameter not detected at the stated detection limit.

Comments:

Analyst

Review

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

** QUALITY ASSURANCE REPORT
MATRIX SPIKE - TOTAL PETROLEUM HYDROCARBONS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Spike	Date Sampled:	NA
Laboratory Number:	TPSS405S	Date Received:	NA
Sample Matrix:	Soil	Date Analyzed:	04-22-93
Analysis Requested:	TPH	Date Reported:	04-22-93

Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked sample Result (mg/kg)	Percent Recovery
Total Petroleum Hydrocarbons	ND	484	491	101

QA ACCEPTANCE CRITERIA:

Parameter	Acceptance Range %
TPH	80 - 120

ND - Parameter not detected at the stated detection limit.

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments:

Analyst

Review

2532

CHAIN OF CUSTODY RECORD

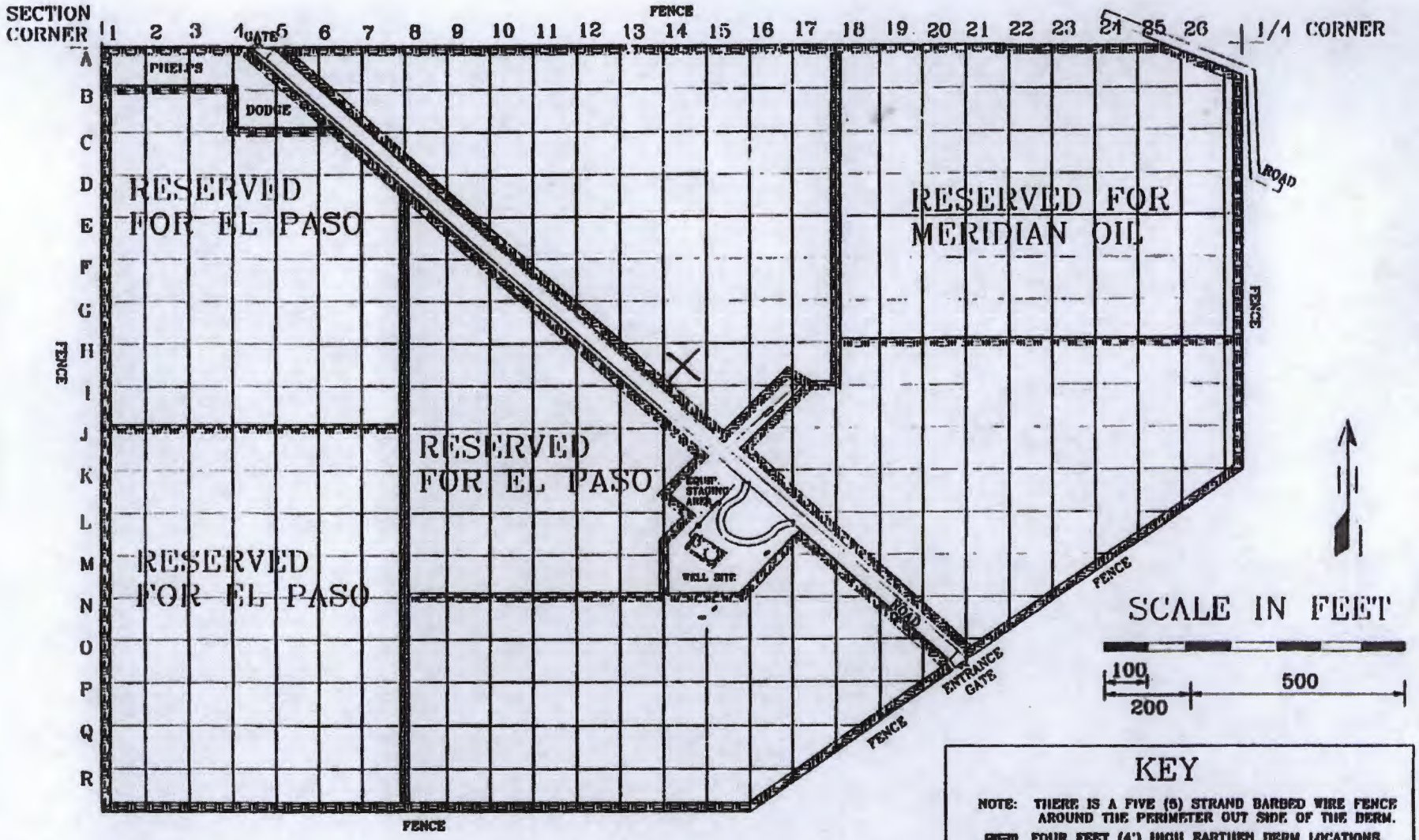
Client/Project Name	Project Location	ANALYSIS/PARAMETERS
ENVIROTECH LAND FARM #2	HILLTOP New MEXICO	
Sampler: (Signature) Mavis D. Young	Chain of Custody Tape No.	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 418.1	TOTAL METALS					Remarks
H-14	4/20/93	14:50	4963	Soil	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mavis D. Young	4/21/93	810	Linda Pender	4-21-93	810
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

San Juan repro Form 970 81



ENVIROTECH INC.
LAND FARM
NO. 2

NORTHERN 100 ACRES OF THE
NORTHWEST 1/4 OF SECTION
6, TOWNSHIP 26 NORTH,
RANGE 10 WEST, NMPM.

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division

March 10, 2015

Kendra Runung
Envirotech, Inc.
5796 US Highway 64
Farmington, New Mexico 87401

RE: Vadose Zone Demonstration and Additional Lift Request for Cell 16
Envirotech, Inc.
Commercial Landfarm #2: Permit NM1-011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico

Dear Ms. Runung:

The Oil Conservation Division (OCD) has reviewed Envirotech, Inc.'s (Envirotech) demonstration and request, dated March 6, 2015, to demonstrate that after the removal of all remediated soils from the Cell for the stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge the landfarm operations did not contaminate the vadose zone and to grant approval to apply a six-inch lift of petroleum hydrocarbon-contaminated soils for remediation to the following cell(s): Cell 16.

Based upon the analytical results provided, OCD hereby grants Envirotech approval to apply an additional six-inch lift of contaminated soils to the above referenced landfarm cell(s). Please note that by applying a six-inch lift of petroleum hydrocarbon-contaminated soils for remediation to Cell 16 Envirotech must re-initiate treatment zone monitoring and resume vadose zone monitoring. The vadose zone monitoring depth must be 2-3 foot zone below the original native ground surface.

Please be advised that approval of this request does not relieve Envirotech of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve Envirotech of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

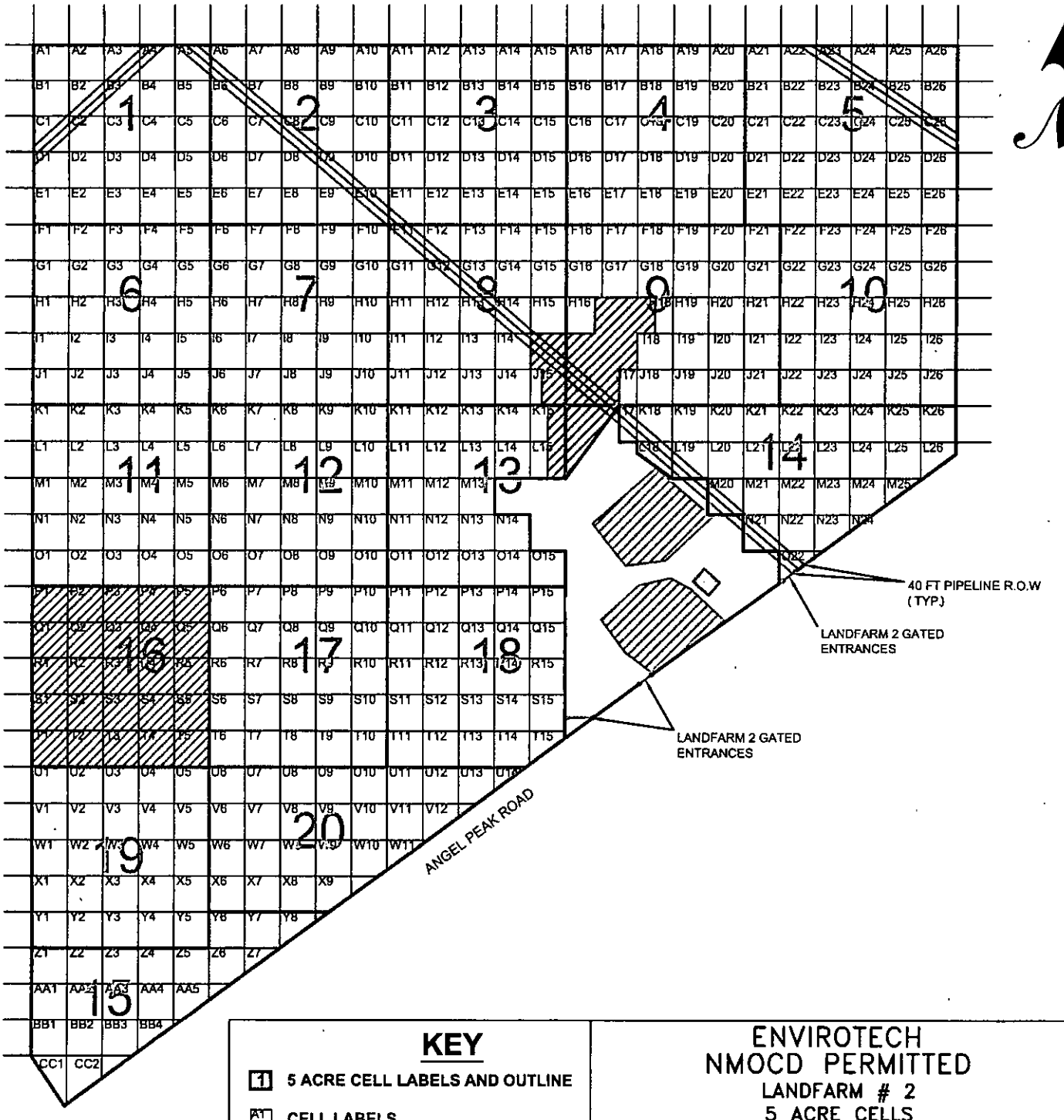
Sincerely,

Brad A. Jones
Environmental Engineer

BAJ/baj

Attachment: Facility Map (Date: January 1, 2013)

cc: OCD District III Office, Aztec



KEY

- 1 — 5 ACRE CELL LABELS AND OUTLINE
- A1 — CELL LABELS
- UNFARMABLE AREA OUTLINE
- BLENDING FACILITY
- BLENDING STOCKPILES
- WELLSITES
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FIELD OFFICE

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JKA	1/11/13	BASE DRWN		

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

envirotech

RECEIVED OCD

2015 MAR -6 P 3:19

March 6, 2015

Mr. Brad Jones
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: ENVIROTECH'S REQUEST FOR AN ADDITIONAL LIFT FOR:
CELL 16 IN LANDFARM #2

Dear Mr. Jones:

Attached please find analytical documentation supporting our request for the application of an initial lift for Envirotech's Land Farm #2, Cell 16, located at #43 Road 7175, South of Bloomfield, New Mexico. On July 30, 2014, the NMOCD approved the removal of approximately 15,000 cubic yards of remediated soil from Cell 16; to be stockpiled in a designated bermed area; and utilized for stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge. After removal of the remediated soil, the area was sampled again to prove that native soil had been reached and that all remediated soil had been removed from the cell. Attached you will find a map marked by a green crosshatch design, designating Cell 16. Additionally, you will also find the analysis showing native soil has been reached, a copy of the NMOCD approval to remove the remediated soil, as well as a copy of the initial background analysis from sampling of Landfarm 2 prior to its opening in 1993.

Cell 16 has passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene, total xylenes, and chlorides (see attached Laboratory Results). The BTEX and benzene results are reported in parts per billion (ug/Kg) and the TPH and chloride results are reported in parts per million (mg/Kg). Envirotech hereby requests this cell be approved for an initial lift.

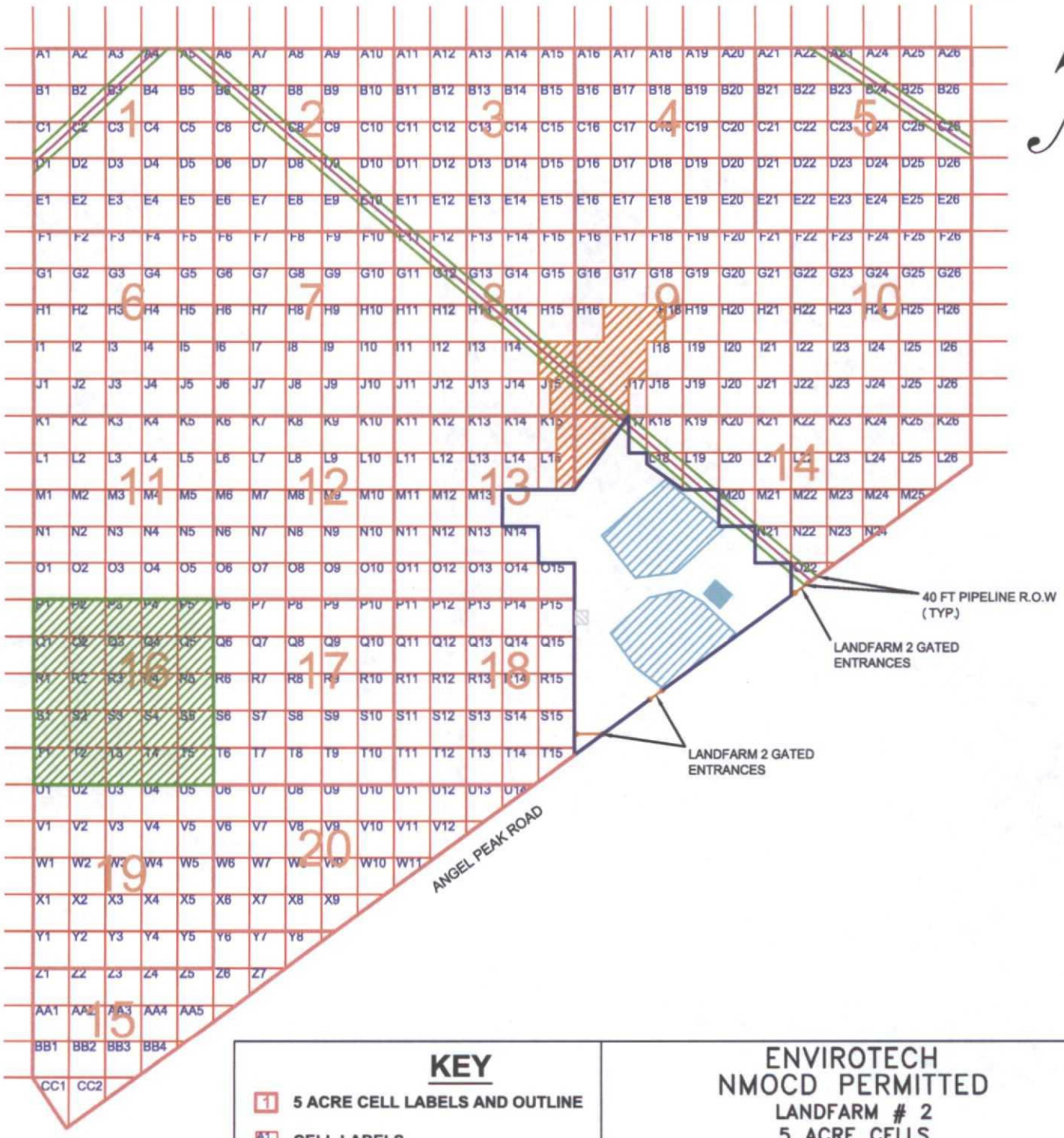
Due to the unusually large amounts of contaminated soil Envirotech has accepted recently, our Landfarm #2 suffers limited space constraints. Envirotech respectfully requests expedition of this matter to be able to serve the Four Corners region without interruption.

Thank you for your consideration in this matter. If you have any questions or require additional information, please do not hesitate to contact our office at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.

Greg Crabtree
Environmental Manager
gcrabtree@envirotech-inc.com

Kendra Runung
Waste Coordinator
krunung@envirotech-inc.com



KEY

- 5 ACRE CELL LABELS AND OUTLINE
- CELL LABELS
- UNFARMABLE AREA OUTLINE
- BLENDING FACILITY
- BLENDING STOCKPILES
- WELLSITES
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FIELD OFFICE

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JKA	1/11/13	BASE DRWN		

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Envirotech

Chain Of Custody Number: 17633

Samples Received: 12/18/2014 1:09:00PM

Job Number: [none]

Work Order: P412069

Project Name/Location: Scrapping Confirmation

Entire Report Reviewed By: _____ Date: 12/24/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

envirotech
Analytical Laboratory

Envirotech	Project Name:	Scrapping Confirmation	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Kendra Runung	24-Dec-14 13:35

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Cell 11	P412069-01A	Soil	12/18/14	12/18/14	Glass Jar, 4 oz.
Cell 16	P412069-02A	Soil	12/18/14	12/18/14	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

Envirotech	Project Name:	Scrapping Confirmation	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Kendra Runung	24-Dec-14 13:35

Cell 16

P412069-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1451042	12/19/14	12/24/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1451042	12/19/14	12/24/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1451042	12/19/14	12/24/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1451042	12/19/14	12/24/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1451042	12/19/14	12/24/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1451042	12/19/14	12/24/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1451042	12/19/14	12/24/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*50-150*		*1451042*	*12/19/14*	*12/24/14*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg	1	1451042	12/19/14	12/24/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg	1	1451041	12/19/14	12/22/14	EPA 8015D	
Surrogate: o-Terphenyl		*109 %*	*50-200*		*1451041*	*12/19/14*	*12/22/14*	*EPA 8015D*	
Surrogate: 4-Bromochlorobenzene-FID		*92.7 %*	*50-150*		*1451042*	*12/19/14*	*12/24/14*	*EPA 8015D*	
Cation/Anion Analysis									
Chloride	ND	9.86	mg/kg	1	1451043	12/19/14	12/22/14	EPA 300.0	

envirotech
Analytical Laboratory

Envirotech	Project Name:	Scrapping Confirmation	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Kendra Runung	24-Dec-14 13:35

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1451042 - Purge and Trap EPA 5030A										
Blank (1451042-BLK1)				Prepared: 19-Dec-14 Analyzed: 23-Dec-14						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	0.15	0.10	"							
Total Xylenes	0.15	0.10	"							
Total BTEX	0.15	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	*0.417*		"	*0.400*		*104*	*50-150*			
LCS (1451042-BS1)				Prepared: 19-Dec-14 Analyzed: 23-Dec-14						
Benzene	21.7	0.10	mg/kg	19.9		109	75-125			
Toluene	22.4	0.10	"	19.9		112	70-125			
Ethylbenzene	22.5	0.10	"	19.9		113	75-125			
p,m-Xylene	45.8	0.20	"	39.9		115	80-125			
o-Xylene	22.6	0.10	"	19.9		113	75-125			
Surrogate: 4-Bromochlorobenzene-PID	*0.417*		"	*0.399*		*105*	*50-150*			
Matrix Spike (1451042-MS1)	**Source: P412067-01**			Prepared: 19-Dec-14 Analyzed: 23-Dec-14						
Benzene	22.3	0.10	mg/kg	20.0	ND	112	75-125			
Toluene	22.9	0.10	"	20.0	ND	115	70-125			
Ethylbenzene	23.0	0.10	"	20.0	ND	115	75-125			
p,m-Xylene	46.5	0.20	"	40.0	ND	116	80-125			
o-Xylene	23.1	0.10	"	20.0	ND	115	75-125			
Surrogate: 4-Bromochlorobenzene-PID	*0.416*		"	*0.400*		*104*	*50-150*			
Matrix Spike Dup (1451042-MSD1)	**Source: P412067-01**			Prepared: 19-Dec-14 Analyzed: 23-Dec-14						
Benzene	22.4	0.10	mg/kg	20.0	ND	112	75-125	0.464	15	
Toluene	22.9	0.10	"	20.0	ND	114	70-125	0.121	15	
Ethylbenzene	23.2	0.10	"	20.0	ND	116	75-125	1.07	15	
p,m-Xylene	46.4	0.20	"	40.0	ND	116	80-125	0.221	15	
o-Xylene	23.2	0.10	"	20.0	ND	116	75-125	0.712	15	
Surrogate: 4-Bromochlorobenzene-PID	*0.402*		"	*0.400*		*101*	*50-150*			

Envirotech	Project Name:	Scrapping Confirmation	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Kendra Runung	24-Dec-14 13:35

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1451041 - DRO Extraction EPA 3550M										
Blank (1451041-BLK1)				Prepared: 19-Dec-14 Analyzed: 22-Dec-14						
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg							
Surrogate: o-Terphenyl	*42.7*		"	*40.0*		*107*	*50-200*			
LCS (1451041-BS1)				Prepared: 19-Dec-14 Analyzed: 22-Dec-14						
Diesel Range Organics (C10-C28)	535	30.0	mg/kg	500		107	38-132			
Surrogate: o-Terphenyl	*44.2*		"	*40.0*		*111*	*50-200*			
Matrix Spike (1451041-MS1)	**Source: P412067-01**			Prepared: 19-Dec-14 Analyzed: 22-Dec-14						
Diesel Range Organics (C10-C28)	691	30.0	mg/kg	500	ND	138	38-132			SPK1
Surrogate: o-Terphenyl	*53.0*		"	*40.0*		*133*	*50-200*			
Matrix Spike Dup (1451041-MSD1)	**Source: P412067-01**			Prepared: 19-Dec-14 Analyzed: 22-Dec-14						
Diesel Range Organics (C10-C28)	579	29.9	mg/kg	499	ND	116	38-132	17.7	20	
Surrogate: o-Terphenyl	*47.2*		"	*39.9*		*118*	*50-200*			

envirotech
Analytical Laboratory

Envirotech	Project Name:	Scrapping Confirmation	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Kendra Runung	24-Dec-14 13:35

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1451042 - Purge and Trap EPA 5030A										
Blank (1451042-BLK1)				Prepared: 19-Dec-14 Analyzed: 23-Dec-14						
Gasoline Range Organics (C6-C10)	ND	9.99	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	*0.373*		"	*0.400*		*93.2*	*50-150*			
LCS (1451042-BS1)				Prepared: 19-Dec-14 Analyzed: 23-Dec-14						
Gasoline Range Organics (C6-C10)	323	9.97	mg/kg	291		111	80-120			
Surrogate: 4-Bromochlorobenzene-FID	*0.374*		"	*0.399*		*93.9*	*50-150*			
Matrix Spike (1451042-MS1)		**Source: P412067-01**		Prepared: 19-Dec-14 Analyzed: 23-Dec-14						
Gasoline Range Organics (C6-C10)	325	9.99	mg/kg	292	ND	112	75-125			
Surrogate: 4-Bromochlorobenzene-FID	*0.374*		"	*0.400*		*93.6*	*50-150*			
Matrix Spike Dup (1451042-MSD1)		**Source: P412067-01**		Prepared: 19-Dec-14 Analyzed: 23-Dec-14						
Gasoline Range Organics (C6-C10)	330	9.99	mg/kg	292	ND	113	75-125	1.22	15	
Surrogate: 4-Bromochlorobenzene-FID	*0.361*		"	*0.400*		*90.4*	*50-150*			

envirotech
Analytical Laboratory

Envirotech	Project Name:	Scrapping Confirmation	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Kendra Runung	24-Dec-14 13:35

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1451043 - Anion Extraction EPA 300.0										
Blank (1451043-BLK1)				Prepared: 19-Dec-14 Analyzed: 22-Dec-14						
Chloride	ND	9.91	mg/kg							
LCS (1451043-BS1)				Prepared: 19-Dec-14 Analyzed: 22-Dec-14						
Chloride	498	9.81	mg/kg	491		101	90-110			
Matrix Spike (1451043-MS1)	**Source: P412069-01**			Prepared: 19-Dec-14 Analyzed: 22-Dec-14						
Chloride	600	9.87	mg/kg	494	110	99.4	80-120			
Matrix Spike Dup (1451043-MSD1)	**Source: P412069-01**			Prepared: 19-Dec-14 Analyzed: 22-Dec-14						
Chloride	615	9.86	mg/kg	493	110	103	80-120	2.44	20	

Envirotech	Project Name:	Scrapping Confirmation	
5796 US HWY 64	Project Number:		**Reported:**
Farmington NM, 87401	Project Manager:	Kendra Runung	24-Dec-14 13:35

Notes and Definitions

SPK1	The spike recovery for this QC sample is outside of control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

17633

Client:	Project Name / Location:
Envirotech	Scrapping Confirmation
Email results to:	Sampler Name:
Isaac / Kendra	T. Garcia
Client Phone No.:	Client No.:

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative HNO_3	Preservative HCl	Preservative Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Cell 11	12/18/14	10:31	P412069-01	1-4oz			X	X	X								X				Y	Y
Cell 16	12/18/14	10:45	P412069-02	1-4oz			X	X	X								X				Y	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12/18/14	13:09		12/18/14	1309
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix

Soil ☒ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

envirotech
Analytical Laboratory

5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc

12.9, 12.3

ENVIROTECH Inc.

[redacted]

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PIT No: _____
C.O.C #: _____

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

JOB No _____
PAGE No ___ of ___

FACILITY LOCATION: Envirotech Landfarm
SOURCE LOCATION: Landfarm 2
SOURCE LOCATION: Cell 16
SOURCE LOCATION: _____
FACILITY CLASSIFICATION _____ PIT TYPE _____

DATE STARTED 12/18/14
DATE FINISHED 12/18/14
ENVIRONMENTAL SPECIALIST: E. Garcia

SOIL REMEDIATION: QUANTITY: _____ # OF COMP SAMPLES: ____
DIMENSIONS _____
VISIBLE OBSERVATIONS: _____
SAMPLING PLAN: _____

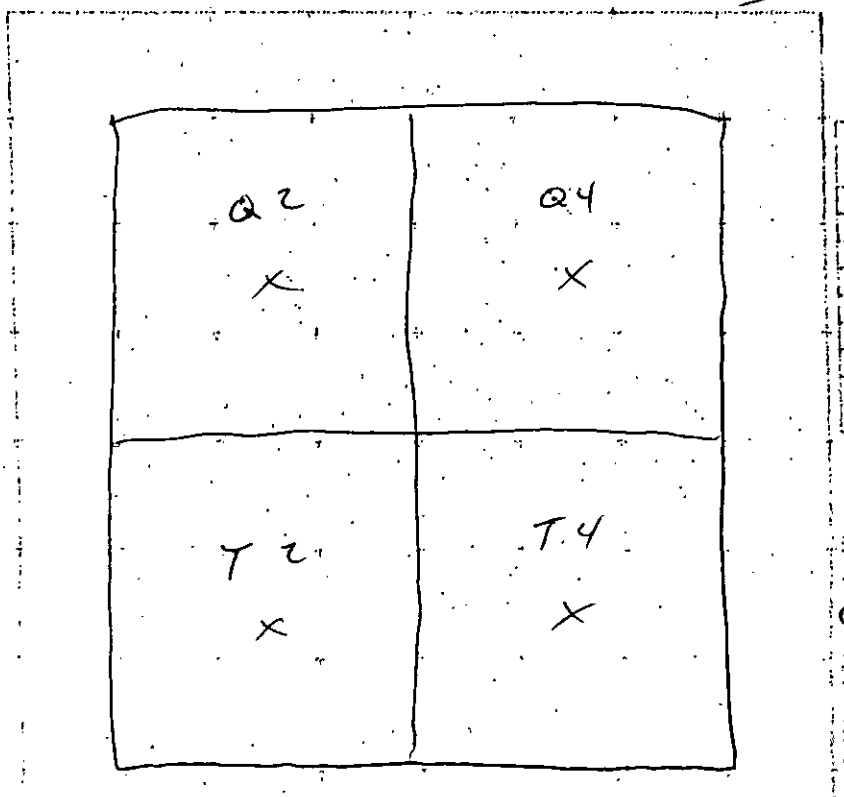
FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX _____ TAPES _____ FROM WELLHEAD.

DEPTH TO GROUNDWATER:
NEAREST WATER SOURCE: TYPE:
NEAREST SURFACE WATER
MAX TPH PER NMOCD

No OF 5-POINT COMPOSITE SAMPLES: TAPDAGE - =
0-200=1
201-400=2
401-1000=3
>1000=5

FACILITY DIAGRAM

GRID SCALE: NTS



OVM RESULTS

SAMPLE ID	FIELD [illegible] (ppm)

LAB RESULTS

SAMPLE ID	[illegible]
Cell 16	
	8015
	8021
	Cl

RECEIVED
JUL 31 2014

State of New Mexico
Energy, Minerals and Natural Resources Department

July 30, 2014

Greg Crabtree
Envirotech, Inc.
5796 US Highway 64
Farmington, New Mexico 87401

RE: Request for Approval to Reuse Remediated Soils for the Stabilization/Solidification of Drilling Mud, Tank Bottoms, and Sludge
Envirotech, Inc.
Commercial Landfarm #2: Permit NM1-011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico

Dear Mr. Crabtree:

The Oil Conservation Division (OCD) has reviewed Envirotech, Inc.'s (Envirotech) request, dated July 25, 2014 and received by OCD on July 29, 2014, to remove approximately 28,317 cubic yards of remediated soils from **Cells 11 and 16**; stockpile in a designated bermed area; and utilize the remediated soils for the stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge. The analytical results provided in the request, demonstrates that Envirotech has remediated the contaminated soils within **Cells 11 and 16** to the concentration limits that would allow OCD the authority approval the application of additional lift.

OCD hereby grants Envirotech approval to reuse the remediated soils from **Cells 11 and 16** for the stabilization and/or solidification of incoming drilling mud, tank bottoms, and sludge with the following conditions:

Cells 11 and 16:

- Envirotech shall control blowing dust and reduce the potential of fugitive dust emissions while transferring the remediated soils from **Cells 11 and 16** to the designated stockpile area. Pursuant Paragraph (6) of Subsection C of Section 15 of 19.15.36 NMAC, operational requirements regarding landfarms, Envirotech may "add moisture, as necessary," to the remediated soils "to control blowing dust."

- Envirotech shall complete a vadose zone monitoring/sampling event in **Cells 11 and 16** upon the removal of the remediated soils to the original native ground surface in each landfarm cell.

- If the remediated soils are removed in a phased approach, Envirotech shall complete a vadose zone monitoring/sampling event upon the removal of the remediated soils to the original native ground surface within each landfarm cell.

- Envirotech shall comply with the release response provision of Paragraph (5) of Subsection E of 19.15.36.15 NMAC, if "vadose zone sampling results show that the concentrations of TPH, BTEX or chlorides exceed the higher of the PQL or the background soil concentrations."

- Envirotech shall obtain OCD approval prior to the placement and application of contaminated soils within **Cells 11 and/or 16.**

Stockpiling of Remediated Soils:

- Envirotech shall ensure that the area containing the stockpiled remediated soils be properly bermed to prevent the collection of surface water run-on and control storm water run-off.

- Envirotech shall ensure that no pooling or ponding of stormwater run-off /on occurs within the bermed stockpile area. Envirotech shall remove any ponding of precipitation within twenty-four (24) hours of discovery.

- Envirotech shall ensure that the stockpiled remediated soils do not exceed a height of eight (8) feet.

- Upon placement of soils from **Cells 11 and/or 16** within the bermed stockpile area, Envirotech shall implement vadose zone sampling beneath the stockpiled soils pursuant to the conditions of Permit NM1-011 and the transitional requirements of 19.15.36.20 NMAC regarding operations.

- Envirotech shall control blowing dust and reduce the potential of fugitive dust emissions of the stockpiled remediated soils from leaving the surface waste management facility. Pursuant Paragraph (6) of Subsection C of Section 15 of 19.15.36 NMAC, operational requirements regarding landfarms, Envirotech may "add moisture, as necessary," to the stockpiled remediated soils "to control blowing dust." If necessary, OCD may require Envirotech to reduce the height of the stockpiled remediated soils to address fugitive dust emissions.

Please be advised that approval of this request does not relieve Envirotech of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve Envirotech of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

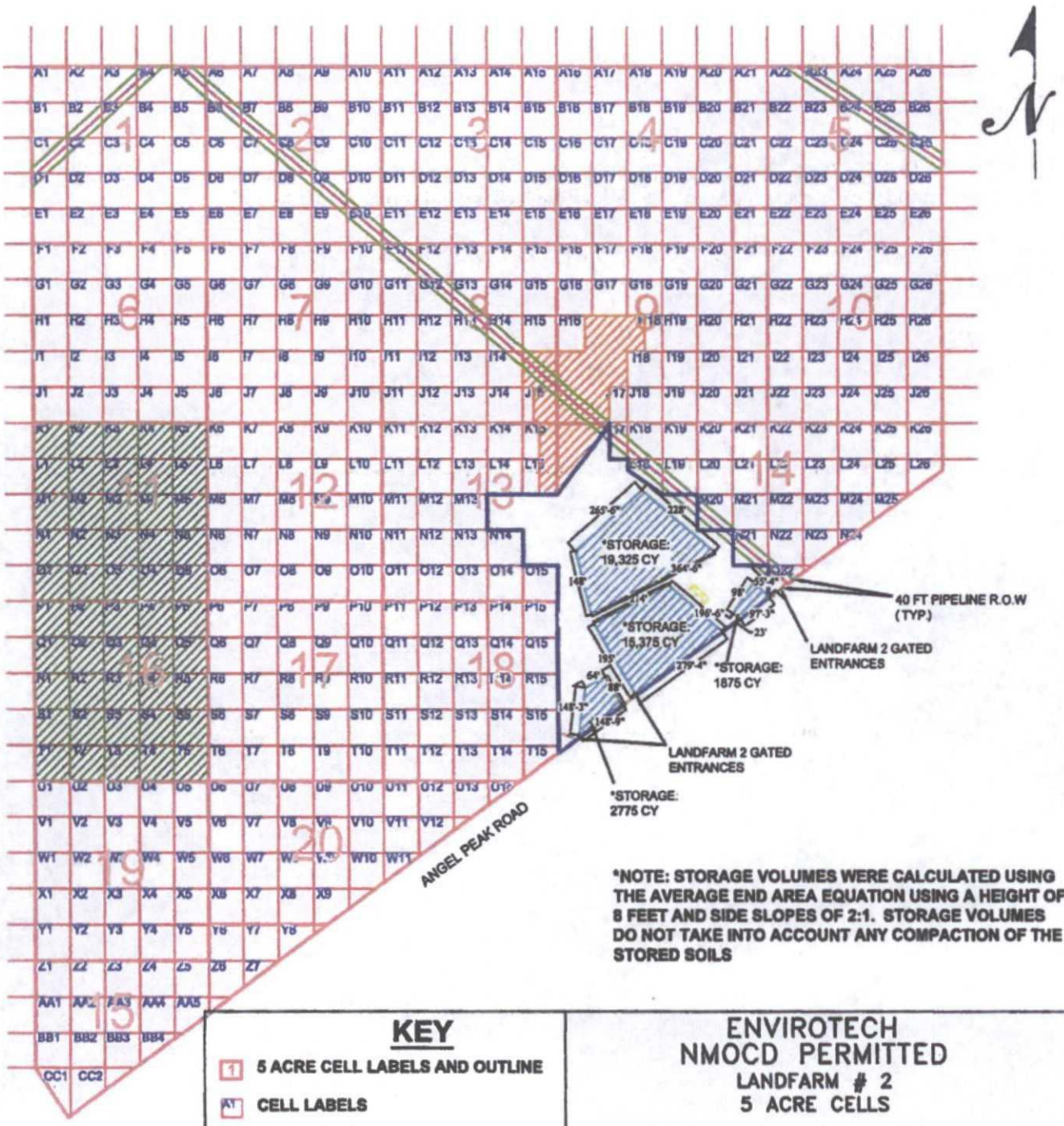
Sincerely,

Brad A. Jones
Environmental Engineer

BAJ/baj

Attachment: Facility Map (dated January 11, 2013)

cc: OCD District III Office, Aztec



*NOTE: STORAGE VOLUMES WERE CALCULATED USING THE AVERAGE END AREA EQUATION USING A HEIGHT OF 8 FEET AND SIDE SLOPES OF 2:1. STORAGE VOLUMES DO NOT TAKE INTO ACCOUNT ANY COMPACTION OF THE STORED SOILS

KEY

- 5 ACRE CELL LABELS AND OUTLINE
- CELL LABELS
- UNFARMABLE AREA OUTLINE
- BLENDING FACILITY
- BLENDING STOCK
- WELLSITES
- PIPELINES
- 40 FOOT PIPELINE R.O.W.
- GATES
- FIELD OFFICE
- REQUEST TO SCRAPE

ENVIROTECH
NMOCD PERMITTED
LANDFARM # 2
5 ACRE CELLS

SCALE: NTS	FIGURE NO.	REV
PROJECT NO.		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JKA	1/11/13	BASE DRWN		

envirotech
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

April 26, 1993

Ms. Kathy Brown
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Ms. Brown:

Attached please find the analytical results for the background soil sample of Landfarm No. 2 as required by our September 29, 1992 Rule 711 permit.

Initially Cell F-17 was sampled. The background levels were higher than anticipated for TPH and Total Metals. This site was close to a former natural gas well pad. Subsequently a second sample was taken from Cell H-14 which we believe is more representative of the actual average background of the facility.

We appreciate working with your on this landfarm and the many other areas where you have been so helpful.

Sincerely,

Morris D. Young

Morris D. Young
President

enclosure

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

MODIFIED EPA METHOD 8015
NONHALOGENATED VOLATILE ORGANICS

Client:	Envirotech	Project #:	NA
Sample ID:	#1 Cell F-17 @ 2'	Date Reported:	03-29-93
Laboratory Number:	4816	Date Sampled:	03-19-93
Sample Matrix:	Soil	Date Received:	03-19-93
Preservative:	Cool	Date Analyzed:	03-26-93
Condition:	Cool and Intact	Analysis Requested:	TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.1
Diesel Range (C10 - C28)	18.3	0.1
C28 - C36 Range	ND	0.1
Total Petroleum Hydrocarbons	18.3	0.1

Method: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Landfarm #2 F-17, Base Line Sample

Analyst

Review

ENVIROTECH LABS
5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

TRACE METAL ANALYSIS

Client:	Envirotech Land Farm	Project #:	NA
Sample ID:	#1 Cell F-17 @ 2'	Date Reported:	03-26-93
Laboratory Number:	4816	Date Sampled:	03-19-93
Sample Matrix:	Soil	Date Received:	03-19-93
Preservative:	Cool	Date Analyzed:	03-26-93
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
ARSENIC	0.70	0.001
BARIUM	27.0	0.1
CADMIUM	2.26	0.001
CHROMIUM	8.02	0.001
LEAD	3.66	0.001
MERCURY	3.40	0.002
SELENIUM	0.50	0.001
SILVER	ND	0.01

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1986

Methods 7060A, 7080A, 7131A, 7191, 7470A, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA

ND - Parameter not detected at the stated detection limit.

Comments:

Analyst

Review

2508 W. Main Street
Farmington, New Mexico 87401

Client:	Envirotech		
Sample ID:	Landfarm#2	Date Reported:	04/07/93
Laboratory ID:	26905	Date Sampled:	03/19/93
Sample Matrix:	Water	Time Sampled:	1235
Condition:	Cool/Intact	Date Received:	03/30/93

Parameter	Analytical Result	Units		Units
Lab pH	6.9	s.u.		
Lab Conductivity @ 25° C	248	umhos/cm		
Total Dissolved Solids @ 180°C	<10	mg/L		
Total Dissolved Solids (Calc)	<10	mg/L		
Total Alkalinity as CaCO3	87	mg/L		
Total Hardness as CaCO3	<1	mg/L		
Bicarbonate as HCO3	106	mg/L	1.74	meq/L
Carbonate as CO3	0	mg/L	0.00	meq/L
Hydroxide as OH	0	mg/L	0.00	meq/L
Chloride	5.1	mg/L	0.14	meq/L
Sulfate	86	mg/L	1.80	meq/L
Calcium	69	mg/L	1.73	meq/L
Magnesium	11	mg/L	0.47	meq/L
Potassium	5.1	mg/L	0.13	meq/L
Sodium	11	mg/L	0.46	meq/L
Cations			2.79	meq/L
Anions			3.68	meq/L
Cation/Anion Difference			13.76	%

Reference: U.S.E.P.A. 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
"Standard Methods For The Examination Of Water And Waste Water", 17th ed., 1989.

Reviewed by_____

ENVIROTECH LABS
5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Envirotech	Project #:	NA
Sample ID:	#1 Cell F-17 @ 2'	Date Sampled:	03-19-93
Laboratory Number:	4816	Date Received:	03-19-93
Sample Matrix:	Soil	Date Analyzed:	03-22-93
Preservative:	Cool	Date Reported:	03-22-93
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	16.3	5.0

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

ND - Parameter not detected at the stated detection limit.

Comments: Landfarm #2 F-17
Baseline Sample

Analyst

Review

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

MODIFIED EPA METHOD 8015
NONHALOGENATED VOLATILE ORGANICS
TOTAL PETROLEUM HYDROCARBONS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	03-29-93
Laboratory Number:	0326TPH.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Analyzed:	03-26-93
Condition:	NA	Analysis Requested:	TPH

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.1
Diesel Range C10 - C28	ND	0.1
C28 - C36 Range	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

Method: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:

Analyst

Review

2480

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSIS/PARAMETERS
ENVIROTECH LAND FARM	LANDFARM # 2 F-17	
Sampler: (Signature) Mavis D Young	Chain of Custody Tape No.	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	418.1 TPH	GENERAL CHEMISTRY	METALS				Remarks
#1 Cell F-17 @ 2'	3/19/93	1235	4816	Soil	2	✓	✓	✓				BASELINE SAMPLE

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mavis D Young	3/19/93	14:28	Linda Pender	3-19-93	1425
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

San Juan Form 573-81

ENVIROTECH LABS
5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Envirotech	Project #:	NA
Sample ID:	H-14	Date Sampled:	04-20-93
Laboratory Number:	4963	Date Received:	04-21-93
Sample Matrix:	Soil	Date Analyzed:	04-22-93
Preservative:	Cool	Date Reported:	04-22-93
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	5.5	5.0

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

ND - Parameter not detected at the stated detection limit.

Comments: Landfarm #2, Hilltop, New Mexico.

Analyst

Review

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

TRACE METAL ANALYSIS

Client:	Envirotech	Project #:	NA
Sample ID:	H - 14	Date Reported:	04-21-93
Laboratory Number:	4963	Date Sampled:	04-20-93
Sample Matrix:	Soil	Date Received:	04-21-93
Preservative:	Cool	Date Analyzed:	04-21-93
Condition:	Cool & Intact	Analysis Needed:	Trace metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
ARSENIC	ND	0.0001
BARIUM	ND	0.01
CADMIUM	0.0005	0.0001
CHROMIUM	ND	0.0001
LEAD	0.0053	0.0001
MERCURY	0.0012	0.0002
SELENIUM	ND	0.0001
SILVER	ND	0.001

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1986

Methods 7060A, 7080A, 7131A, 7191, 7470A, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA

ND - Parameter not detected at the stated detection limit.

Comments: Land Farm #1, Hilltop, New Mexico

Analyst

Review

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Sampled:	N/A
Laboratory Number:	TPSB0422	Date Received:	N/A
Sample Matrix:	Soil	Date Analyzed:	04-22-9
Preservative:	N/A	Date Reported:	04-22-9
Condition:	N/A	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg
Total Petroleum Hydrocarbons	ND	5.0

ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments:

Analyst

Review

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks	Date Reported:	04-22-93
Laboratory Number:	NA	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Analyzed:	04-21-93
Condition:	NA	Analysis Needed:	Trace Metals

Parameter	Instrument Blank (mg/Kg)	Method Blank (mg/Kg)	Det. Limit (mg/Kg)
ARSENIC	ND	ND	0.0001
BARIUM	ND	ND	0.01
CADMIUM	ND	ND	0.0001
CHROMIUM	ND	ND	0.0001
LEAD	ND	ND	0.0001
MERCURY	ND	ND	0.0002
SELENIUM	ND	ND	0.0001
SILVER	ND	ND	0.001

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1986

Methods 7060A, 7080A, 7131A, 7191, 7470A, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA

ND - Parameter not detected at the stated detection limit.

Comments:

Analyst

Review

ENVIROTECH LABS
5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

** QUALITY ASSURANCE REPORT
MATRIX SPIKE - TOTAL PETROLEUM HYDROCARBONS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Spike	Date Sampled:	NA
Laboratory Number:	TPSS405S	Date Received:	NA
Sample Matrix:	Soil	Date Analyzed:	04-22-93
Analysis Requested:	TPH	Date Reported:	04-22-93

Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked sample Result (mg/kg)	Percent Recovery
Total Petroleum Hydrocarbons	ND	484	491	101

QA ACCEPTANCE CRITERIA:

Parameter	Acceptance Range %
TPH	80 - 120

ND - Parameter not detected at the stated detection limit.

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments:

Analyst

Review

2532

CHAIN OF CUSTODY RECORD

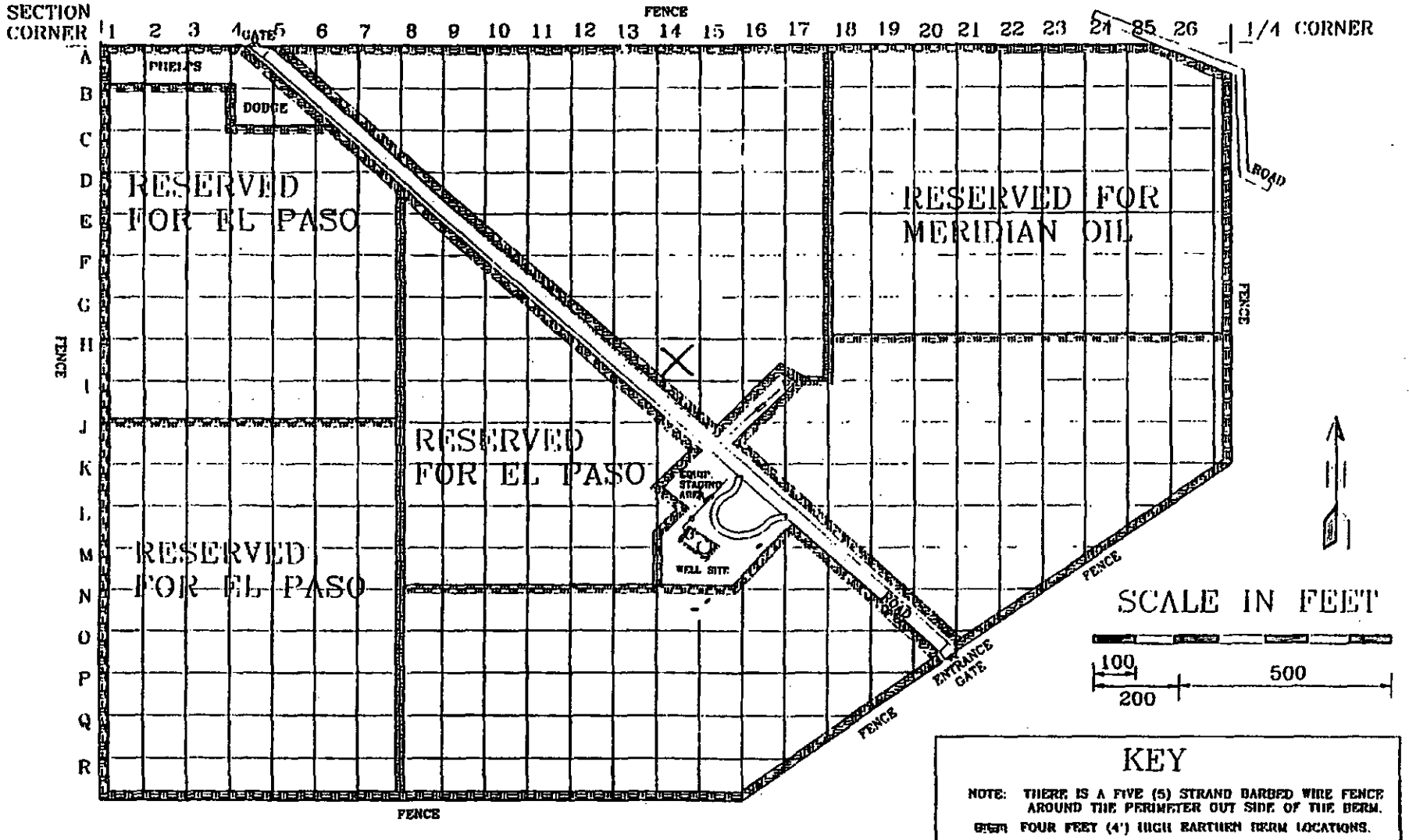
Client/Project Name	Project Location
ENVIROTECH LANDFARM #2	HILLTOP New MEXICO

Sampler: (Signature)	Chain of Custody Tape No.
Mavis D. Young	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	ANALYSIS/PARAMETERS: 8015 Mod. III TPH	ANALYSIS/PARAMETERS: TOTAL METALS	ANALYSIS/PARAMETERS	ANALYSIS/PARAMETERS	ANALYSIS/PARAMETERS	ANALYSIS/PARAMETERS	Remarks
H-14	4/20/93	14:50	4963	Soil	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mavis D. Young	4/21/93	8:10	Linda Pruder	4-21-93	8:10
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615



ENVIROTECH INC.
LAND FARM
NO. 2

NORTHERN 100 ACRES OF THE NORTHWEST 1/4 OF SECTION 6, TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM.