

NM1 - 11

**MONITORING
REPORTS**

YEAR(S):

2008-2010



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



July 31, 2008

Mr. Morris D. Young
President
Envirotech, Inc.
5796 US Highway 64
Farmington, New Mexico 87401

**RE: Request for Approval to Apply a Successive (Second) Lift
Envirotech, Inc.
Commercial Landfarm #2: Permit NM-I-0011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico**

Dear Mr. Young:

The New Mexico Oil Conservation Division (OCD) has reviewed Envirotech, Inc.'s (Envirotech) request, dated July 1, 2008, and the additional analytical results, submitted July 7, 2008 and faxed July 17, 2008, to apply an additional (second) six-inch lift to the following cells: Cells 47 through 61, Cell 64, and Cell 65 (as identified on the attached site map).

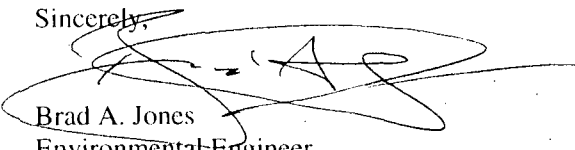
Based upon the information provided, the above-referenced landfarm cells are hereby approved for the addition of another lift of contaminated soils. Note, that with the addition of successive lifts Envirotech must initiate treatment zone monitoring and resume vadose zone monitoring. The vadose zone monitoring depth must be adjusted to reach the 2-3 foot zone below the original native ground surface.

OCD was unable to consider Cell 46 and Cell 62, as requested in the July 1, 2008 submittal, for approval due to the absence of analytical data.

Please be advised that approval of this request does not relieve the 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

cc: OCD District III Office, Aztec



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Highway 550

ANGLE PEAK ROAD

1 6

12 7

As of 07-02-08

LEGEND

- EMPTY
- ACTIVE
- CLOSURE APPROVED BY OCD
- REQUESTED CLOSURE FROM OCD

ENVIROTECH INC.**FAX COVER SHEET**

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW "

TO: Brad Jones TITLE: _____COMPANY: WMOCFAX: 476-3462 PHONE: _____

RE: _____

DATE: 7-16-08PAGES: 20 (INCLUDING COVER PAGE)

PROJECT: _____

CC: _____

COMMENTS:

Chloride test results for 5 acre cells
Please call Kyle @ 505-947-8419 with your
decision.

FROM THE DESK OF: April E Pohl

Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

Phone: (505) 632-0615 / Fax: (505) 632-1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client: Envirotech
Sample ID: 47
Lab ID#: 46299
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4777

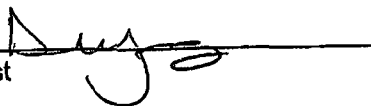
Parameter	Concentration (mg/Kg)
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Total Chloride**22.0****Reference:**

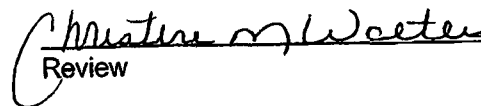
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:**Landfarm #2 Unit 5 Closure Sample.**

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client: Envirotech
Sample ID: 48
Lab ID#: 46300
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4777

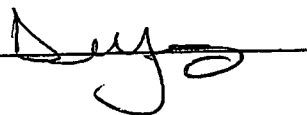
Parameter	Concentration (mg/Kg)
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Total Chloride**23.0**

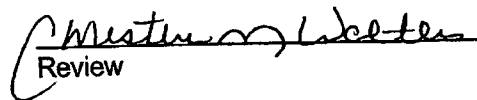
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client: Envirotech
Sample ID: 49
Lab ID#: 46301
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4777

Parameter	Concentration (mg/Kg)
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Total Chloride**20.0**

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

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client: Envirotech
Sample ID: 50
Lab ID#: 46302
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4777

Parameter	Concentration (mg/Kg)
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Total Chloride

22.0

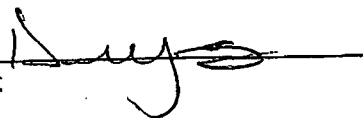
Reference:

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

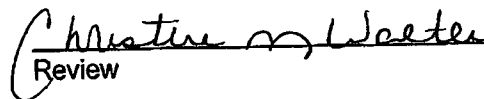
Comments:

Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client: Envirotech
Sample ID: 51
Lab ID#: 46303
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4777

Parameter	Concentration (mg/Kg)
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Total Chloride

18.0

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

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client:	Envirotech	Project #:	
Sample ID:	52	Date Reported:	07-11-08
Lab ID#:	46304	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

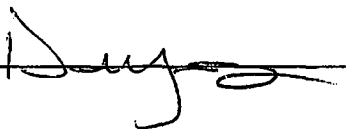
Parameter	Concentration (mg/Kg)
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Total Chloride**30.0**

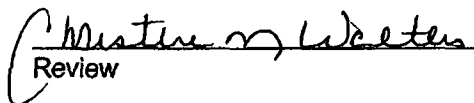
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client:	Envirotech	Project #:	
Sample ID:	53	Date Reported:	07-11-08
Lab ID#:	46305	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

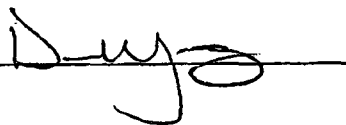
Parameter	Concentration (mg/Kg)
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Total Chloride**23.0**

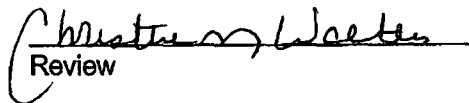
Reference: Standard Methods For The Examination of Water And Waste Water*, 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client:	Envirotech	Project #:	
Sample ID:	54	Date Reported:	07-11-08
Lab ID#:	46306	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

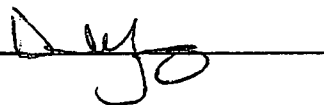
Parameter	Concentration (mg/Kg)
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Total Chloride**38.0**

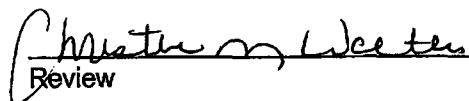
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client:	Envirotech	Project #:	
Sample ID:	55	Date Reported:	07-11-08
Lab ID#:	46307	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

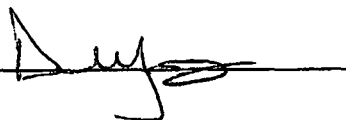
Parameter	Concentration (mg/Kg)
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Total Chloride**31.0**

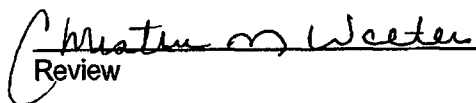
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client: Envirotech
Sample ID: 56
Lab ID#: 46308
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4777

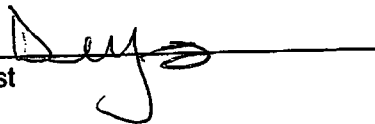
Parameter	Concentration (mg/Kg)
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Total Chloride**37.0**

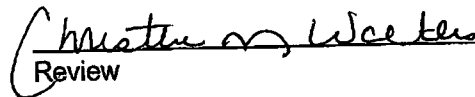
Reference: Standard Methods For The Examination of Water And Waste Water[®], 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	57	Date Reported:	07-11-08
Lab ID#:	46309	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter

Concentration (mg/Kg)

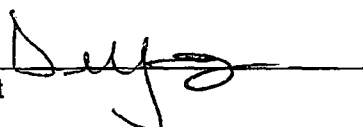
Total Chloride

29.0

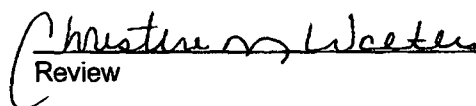
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

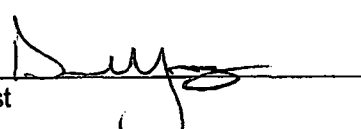
Client:	Envirotech	Project #:	
Sample ID:	58	Date Reported:	07-11-08
Lab ID#:	46310	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

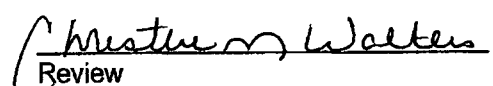
Parameter	Concentration (mg/Kg)
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Total Chloride**26.0**

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

Comments: Landfarm #2 Unit 5 Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**Chloride**

Client: Envirotech
Sample ID: 59
Lab ID#: 46311
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4776

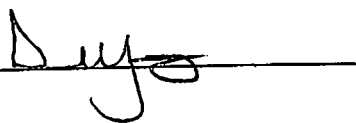
Parameter	Concentration (mg/Kg)
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Total Chloride**76.0**

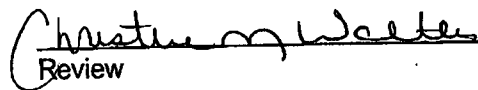
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client: Envirotech
Sample ID: 60
Lab ID#: 46312
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4776

Parameter	Concentration (mg/Kg)
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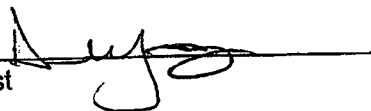
Total Chloride

85.0

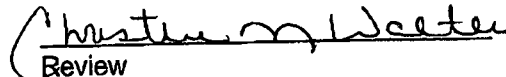
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	61	Date Reported:	07-11-08
Lab ID#:	46313	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
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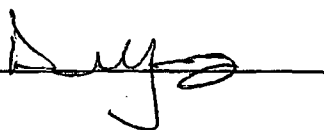
Total Chloride

212

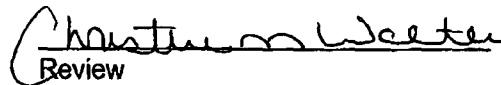
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client: Envirotech
Sample ID: 64
Lab ID#: 46314
Sample Matrix: Soil
Preservative:
Condition: Intact

Project #:
Date Reported: 07-11-08
Date Sampled: 07-10-08
Date Received: 07-10-08
Date Analyzed: 07-11-08
Chain of Custody: 4776

Parameter	Concentration (mg/Kg)
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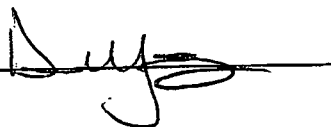
Total Chloride

26.0

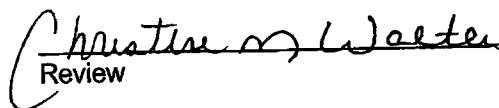
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	65	Date Reported:	07-11-08
Lab ID#:	46315	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
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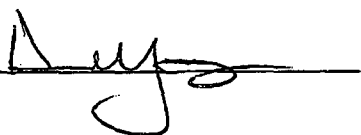
Total Chloride

61.0

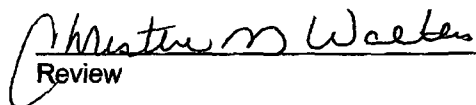
Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Unit 5 Closure Sample.

Analyst



Review



CHAIN OF CUSTODY RECORD

4777

Client: Envirotech, Inc		Project Name / Location: Land Farm 2 Unit 5		ANALYSIS / PARAMETERS														
Client Address:		Sampler Name: John M. Althoff																
Client Phone No.:		Client No.:																
Sample No. / Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No. Volume of Containers	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Chlorides	Sample Cool	Sample Intact
47	7/10	12:09	40299	Soil	1 qt bag												✓	✓
48	7/10	11:57	40300	Soil	1 qt bag												✓	✓
49	7/10	11:45	40301	Soil	1 qt bag												✓	✓
50	7/10	11:35	40302	Soil	1 qt bag												✓	✓
51	7/10	11:25	40303	Soil	1 qt bag												✓	✓
52	7/10	11:16	40304	Soil	1 qt bag												✓	✓
53	7/10	11:08	40305	Soil	1 qt bag												✓	✓
54	7/10	10:38	40306	Soil	1 qt bag												✓	✓
55	7/10	10:39	40307	Soil	1 qt bag												✓	✓
56	7/10	10:44	40308	Soil	1 qt bag												✓	✓
Relinquished by: (Signature)		Date		Time		Received by: (Signature)												
John M. Althoff		7/10		13:20		Kendall Augustino												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)												

ENVIROTECH INC.

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

CHAIN OF CUSTODY RECORD

4776

Client:				Project Name / Location:				ANALYSIS / PARAMETERS											
Envirotech, Inc				Landfarm 2 Unit 5															
Client Address:				Sampler Name:															
Client Phone No.:				Client No.:															
Sample No. / Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Chlorides	Sample Cool	Sample Intact	
57	7/10	10:59	46309	Soil	1 qt bag											>		N	✓
58	7/10	10:13	46310	Soil	1 qt bag											>		N	✓
59	7/10	10:02	46311	Soil	1 qt bag											>		N	✓
60	7/10	9:51	46312	Soil	1 qt bag											>		N	✓
61	7/10	9:37	46313	Soil	1 qt bag											>		N	✓
64	7/10	9:27	46314	Soil	1 qt bag											>		N	✓
65	7/10	9:15	46315	Soil	1 qt bag											>		N	✓
closure samples																			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
John M. Attala				7/10		13:25		Kendall Augustine				7/10/08		13:25					
Relinquished by: (Signature)								Received by: (Signature)											
Relinquished by: (Signature)								Received by: (Signature)											

ENVIROTECH INC.

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

TRANSACTION REPORT

P. 01

JUL-16-2008 WED 03:11 PM

FOR:

RECEIVE

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
JUL-16	03:08 PM	5056321865	3' 42"	20	RECEIVE	OK		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
2008 JUL 9 PM 1 38

July 7, 2008

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

RE: ENVIROTECH'S LANDFARM #2, CLOSURE AND SECOND LIFT FOR CELLS 47-61, 64, AND 65

Dear Mr. Price,

Attached please find analytical documentation supporting our request for closure at Envirotech's Landfarm #2, for cells 47-61, 64, and 65 located near Hilltop, New Mexico. The area being submitted is shown on the attached map, outlined in purple.

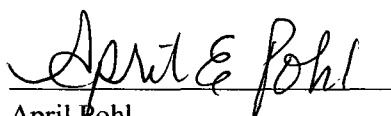
As per Envirotech's OCD Rule 711 Permit Approval NM -01-0011 dated April 18, 2000 all cells being requested for closure have passed laboratory analysis of less than 100 ppm TPH, 50 ppm BTEX and 10 ppm Benzene. In addition Envirotech has sampled for Chlorides. As stated in the treatment zone monitoring portion of Envirotech's permit no cell sampled was larger than five acres. Samples were collected as a five-point composite, sample locations can be seen in the attached map.

The blue cells (47-61, 64, and 65) have passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene, and total xylenes (see attached laboratory reports). Envirotech hereby requests that these cells be granted closure and approval to apply a second lift of qualifying material to these cells.

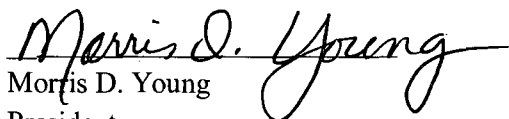
Due to the unusually large amount of contaminated soil Envirotech has accepted recently, our Landfarm #2 is currently under limited space constraints. Therefore, Envirotech respectfully requests expedition of this matter, in order that our Landfarm #2 may continue to serve the Four Corners region without interruption.

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

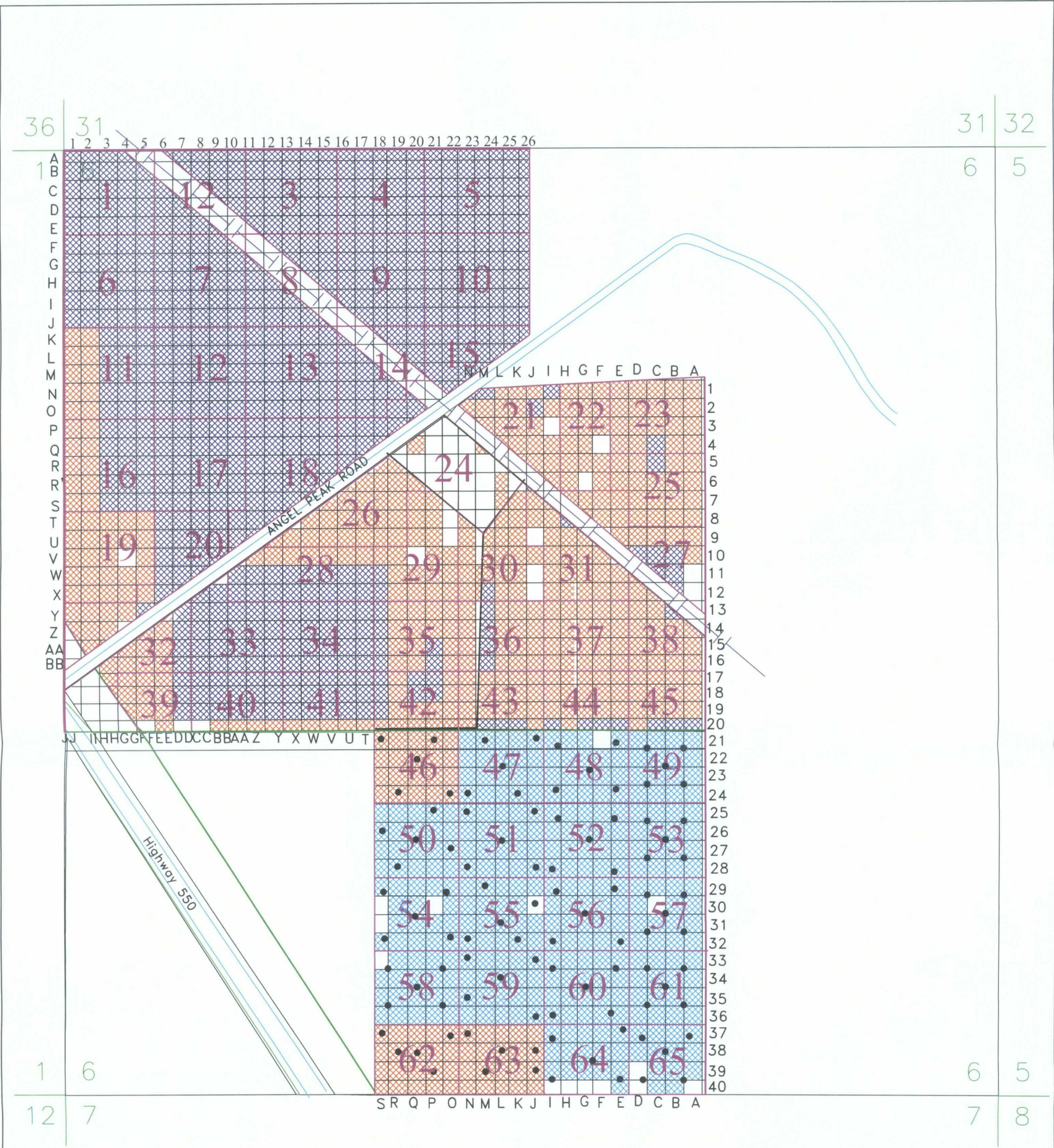
Respectfully Submitted,
ENVIROTECH, INC.



April Pohl
Landfarm Administrator
apohl@envirotech-inc.com



Morris D. Young
President
mdyoung@envirotech-inc.com



As of 07-02-08		LEGEND EMPTY ACTIVE CLOSURE APPROVED BY OCD REQUESTED CLOSURE FROM OCD SAMPLE LOCATIONS PIPLINE	
OCD LANDFARM 2 CELL GRID LAYOUT		SITE MAP	
REVISIONS BY AEP DATE 05/11/07 BY ENH DATE 06/27/08		ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 FARMINGTON, NEW MEXICO 87401 (505) 632-0615	
		DATE 07/12/06 SCALE 1"= 600'	DRAWN CJC APPROVED CJC FIGURE 1

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: Envirotech
Sample No.: 1
Sample ID: Cell 53
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 03037-0006
Date Reported: 7/3/2008
Date Sampled: 6/13/2008
Date Analyzed: 6/13/2008
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

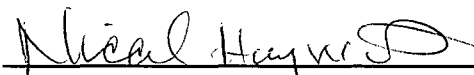
Total Petroleum Hydrocarbons	32	5.0
------------------------------	----	-----

ND = Parameter not detected at the stated detection limit.

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

Comments: **Envirotech's Landfarm #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Nicole Hayworth
Printed


Review

Greg Crabtree
Printed

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: Envirotech
Sample No.: 2
Sample ID: Cell 57
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 03037-0006
Date Reported: 7/3/2008
Date Sampled: 6/13/2008
Date Analyzed: 6/13/2008
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons

88

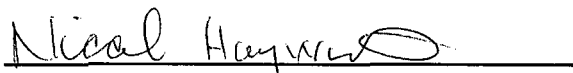
5.0

ND = Parameter not detected at the stated detection limit.

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

Comments: **Envirotech's Landfarm #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Nicole Hayworth
Printed


Review

Greg Crabtree
Printed

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal. Date: 13-Jun-08

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	206
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Nicole Hayworth
Analyst

07/03/08
Date

Nicole Hayworth
Printed

Greg Crabtree
Review

7/3/08
Date

Greg Crabtree
Printed

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 47	Date Reported:	06-18-08
Laboratory Number:	45890	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

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

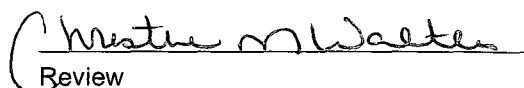
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics,
SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

ORIGINALS WERE
INCLUDED IN FIRST
SUBMITTAL.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

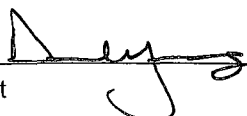
Client:	Envirotech	Project #:	
Sample ID:	Cell 48	Date Reported:	06-18-08
Laboratory Number:	45891	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

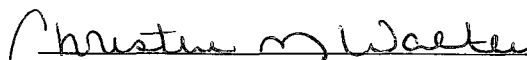
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.6	0.1
Total Petroleum Hydrocarbons	1.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 49	Date Reported:	06-18-08
Laboratory Number:	45892	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.2	0.1
Total Petroleum Hydrocarbons	1.2	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: Cell 50
Laboratory Number: 45893
Chain of Custody No: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

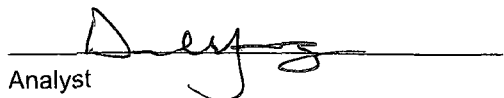
Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Extracted: 06-14-08
Date Analyzed: 06-14-08
Analysis Requested: 8015 TPH

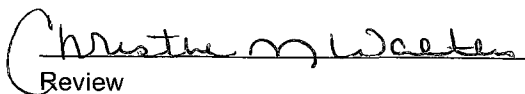
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.6	0.1
Total Petroleum Hydrocarbons	1.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 51	Date Reported:	06-18-08
Laboratory Number:	45894	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

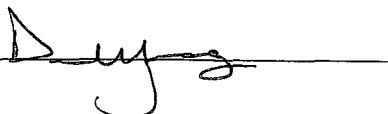
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	9.8	0.1
Total Petroleum Hydrocarbons	9.8	0.2

ND - Parameter not detected at the stated detection limit.

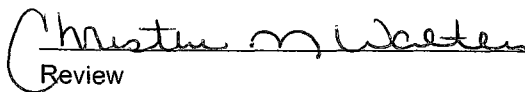
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: Cell 52
Laboratory Number: 45895
Chain of Custody No: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

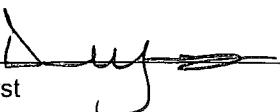
Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Extracted: 06-14-08
Date Analyzed: 06-14-08
Analysis Requested: 8015 TPH

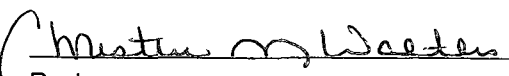
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3.8	0.1
Total Petroleum Hydrocarbons	3.8	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

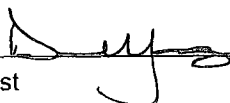
Client:	Envirotech	Project #:	
Sample ID:	Cell 54	Date Reported:	06-18-08
Laboratory Number:	45897	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

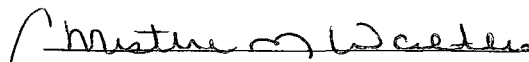
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	51.6	0.1
Total Petroleum Hydrocarbons	51.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 55	Date Reported:	06-18-08
Laboratory Number:	45898	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	22.2	0.1
Total Petroleum Hydrocarbons	22.2	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

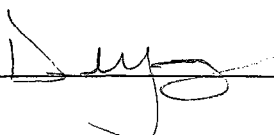
Client:	Envirotech	Project #:	
Sample ID:	Cell 56	Date Reported:	06-18-08
Laboratory Number:	45899	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

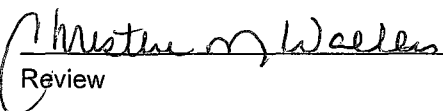
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	4.1	0.1
Total Petroleum Hydrocarbons	4.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst 

Review 

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-14-08 QA/QC	Date Reported:	06-18-08
Laboratory Number:	45890	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-14-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0154E+003	1.0158E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0042E+003	1.0046E+003	0.04%	0 - 15%

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

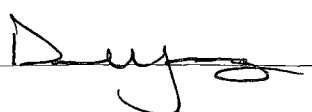
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

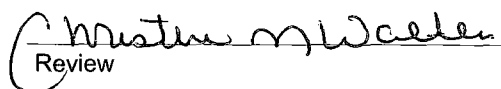
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	252	101%	75 - 125%
Diesel Range C10 - C28	ND	250	253	101%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 45890 - 45895 and 45897 - 45899.

Analyst 

Review 

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 47
Laboratory Number: 45890
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.3	0.9
Toluene	5.2	1.0
Ethylbenzene	1.6	1.0
p,m-Xylene	2.9	1.2
o-Xylene	2.2	0.9
Total BTEX	14.2	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 48
Laboratory Number: 45891
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.0	0.9
Toluene	5.7	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	2.9	1.2
o-Xylene	2.0	0.9
Total BTEX	14.0	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 49
Laboratory Number: 45892
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.9	0.9
Toluene	4.4	1.0
Ethylbenzene	1.2	1.0
p,m-Xylene	5.7	1.2
o-Xylene	3.0	0.9
Total BTEX	20.2	

ND - Parameter not detected at the stated detection limit.

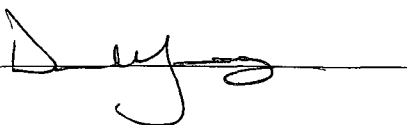
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

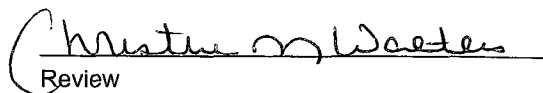
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 50
Laboratory Number: 45893
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.1	0.9
Toluene	4.4	1.0
Ethylbenzene	1.8	1.0
p,m-Xylene	3.9	1.2
o-Xylene	2.0	0.9
Total BTEX	13.2	

ND - Parameter not detected at the stated detection limit.

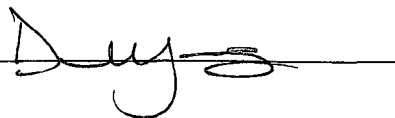
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 51
Laboratory Number: 45894
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

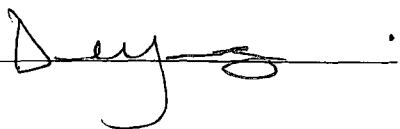
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

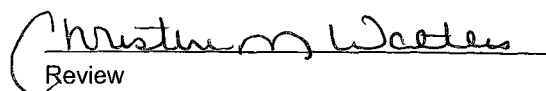
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 52
Laboratory Number: 45895
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.5	0.9
Toluene	5.6	1.0
Ethylbenzene	1.1	1.0
p,m-Xylene	3.7	1.2
o-Xylene	2.2	0.9
Total BTEX	14.1	

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 53
Laboratory Number: 45896
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 54
Laboratory Number: 45897
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 55
Laboratory Number: 45898
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 56
Laboratory Number: 45899
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-14-BT QA/QC	Date Reported:	06-18-08
Laboratory Number:	45890	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-14-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.5611E+007	2.5662E+007	0.2%	ND	0.1
Toluene	2.1731E+007	2.1774E+007	0.2%	ND	0.1
Ethylbenzene	1.5965E+007	1.5997E+007	0.2%	ND	0.1
p,m-Xylene	3.5080E+007	3.5150E+007	0.2%	ND	0.1
o-Xylene	1.5076E+007	1.5106E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	2.3	2.1	8.7%	0 - 30%	0.9
Toluene	5.2	5.0	3.8%	0 - 30%	1.0
Ethylbenzene	1.6	1.5	6.3%	0 - 30%	1.0
p,m-Xylene	2.9	3.0	3.4%	0 - 30%	1.2
o-Xylene	2.2	2.1	4.5%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.3	50.0	52.2	99.8%	39 - 150
Toluene	5.2	50.0	54.8	99.3%	46 - 148
Ethylbenzene	1.6	50.0	51.4	99.6%	32 - 160
p,m-Xylene	2.9	100	97.9	95.1%	46 - 148
o-Xylene	2.2	50.0	51.9	99.4%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 45890 - 45899.

Analyst

Review

CHAIN OF CUSTODY RECORD

4597

Client:		Project Name / Location:		ANALYSIS / PARAMETERS														
Envirotech		Landfarm #2 Unit 5																
Client Address:		Sampler Name:																
		SPM / SMA / TKT / ENH																
Client Phone No.:		Client No.:																
		03037-006																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Sample Cool	Sample Intact	
Cell 47	6/13/08	1011	45890	Soil	1/402		X	X								X	X	
Cell 48		1033	45891				X	X								X	X	
Cell 49		1046	45892				X	X								X	X	
Cell 50		1107	45893				X	X								X	X	
Cell 51		0950	45894				X	X								X	X	
Cell 52		1003	45895				X	X								X	X	
Cell 53		1015	45896				X	X								X	X	
Cell 54		1112	45897				X	X								X	X	
Cell 55		0903	45898				X	X								X	X	
Cell 56		0927	45899				X	X								X	X	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Cathy Bancroft		6/13/08		4:30				6-13		4:30								
Relinquished by: (Signature)						Received by: (Signature)												
Relinquished by: (Signature)						Received by: (Signature)												

ENVIROTECHINC.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: Cell 58
Laboratory Number: 45901
Chain of Custody No: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

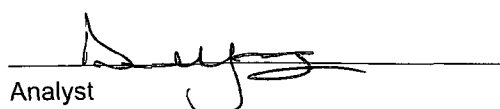
Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Extracted: 06-14-08
Date Analyzed: 06-14-08
Analysis Requested: 8015 TPH

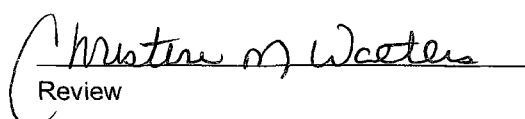
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	14.5	0.1
Total Petroleum Hydrocarbons	14.5	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

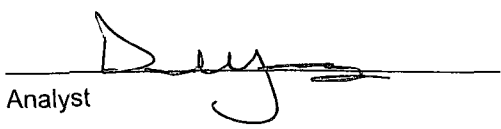
Client:	Envirotech	Project #:	
Sample ID:	Cell 59	Date Reported:	06-18-08
Laboratory Number:	45902	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

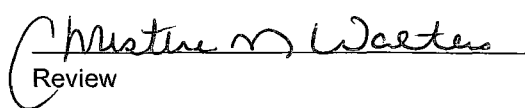
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	9.5	0.1
Total Petroleum Hydrocarbons	9.5	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 60	Date Reported:	06-18-08
Laboratory Number:	45903	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3.6	0.1
Total Petroleum Hydrocarbons	3.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: Cell 61
Laboratory Number: 45904
Chain of Custody No: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Extracted: 06-14-08
Date Analyzed: 06-14-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3.0	0.1
Total Petroleum Hydrocarbons	3.0	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: Cell 63
Laboratory Number: 45905
Chain of Custody No: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Extracted: 06-14-08
Date Analyzed: 06-14-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	469	0.1
Total Petroleum Hydrocarbons	469	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: Cell 64
Laboratory Number: 45906
Chain of Custody No: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Extracted: 06-14-08
Date Analyzed: 06-14-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	90.7	0.1
Total Petroleum Hydrocarbons	90.7	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: Cell 65
Laboratory Number: 45907
Chain of Custody No: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Extracted: 06-14-08
Date Analyzed: 06-14-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	9.1	0.1
Total Petroleum Hydrocarbons	9.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-14-08 QA/QC	Date Reported:	06-18-08
Laboratory Number:	45901	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-14-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0071E+003	1.0075E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9549E+002	9.9588E+002	0.04%	0 - 15%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	14.5	14.4	0.7%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	247	98.8%	75 - 125%
Diesel Range C10 - C28	14.5	250	255	96.2%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 45901 - 45907.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 57
Laboratory Number: 45900
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.6	0.9
Toluene	2.2	1.0
Ethylbenzene	1.2	1.0
p,m-Xylene	1.5	1.2
o-Xylene	2.1	0.9
Total BTEX	8.6	

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 58
Laboratory Number: 45901
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.4	0.9
Toluene	5.3	1.0
Ethylbenzene	1.7	1.0
p,m-Xylene	2.2	1.2
o-Xylene	4.3	0.9
Total BTEX	14.9	

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 59
Laboratory Number: 45902
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.1	0.9
Toluene	11.9	1.0
Ethylbenzene	1.6	1.0
p,m-Xylene	5.2	1.2
o-Xylene	4.9	0.9
Total BTEX	25.7	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 60
Laboratory Number: 45903
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.0	0.9
Toluene	4.1	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	2.5	1.2
o-Xylene	4.7	0.9
Total BTEX	13.7	

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 61
Laboratory Number: 45904
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 63
Laboratory Number: 45905
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 64
Laboratory Number: 45906
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 65
Laboratory Number: 45907
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-14-BT QA/QC	Date Reported:	06-18-08
Laboratory Number:	45900	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-14-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF: Accept. Range 0 - 15%	%Diff.	Blank Conc	Detect. Limit
Benzene	2.4034E+007	2.4082E+007	0.2%	ND	0.1
Toluene	2.0404E+007	2.0444E+007	0.2%	ND	0.1
Ethylbenzene	1.5102E+007	1.5132E+007	0.2%	ND	0.1
p,m-Xylene	3.3689E+007	3.3756E+007	0.2%	ND	0.1
o-Xylene	1.4490E+007	1.4519E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	1.6	1.4	12.5%	0 - 30%	0.9
Toluene	2.2	1.9	13.6%	0 - 30%	1.0
Ethylbenzene	1.2	1.1	8.3%	0 - 30%	1.0
p,m-Xylene	1.5	1.6	6.7%	0 - 30%	1.2
o-Xylene	2.1	2.0	4.8%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.6	50.0	51.5	99.8%	39 - 150
Toluene	2.2	50.0	51.8	99.2%	46 - 148
Ethylbenzene	1.2	50.0	51.0	99.6%	32 - 160
p,m-Xylene	1.5	100	96.5	95.1%	46 - 148
o-Xylene	2.1	50.0	51.8	99.4%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 45900 - 45907.

Analyst

Review

CHAIN OF CUSTODY RECORD

25306

Client: Envirotech				Project Name / Location: Lanofarm #2				ANALYSIS / PARAMETERS										
Client Address:				Sampler Name: SPM/JMA/TKT/ENH														
Client Phone No.:				Client No.: 03037-006														
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No. Volume of Containers	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Sample Cool	Sample Intact	
Cell 57	6/13/08	1011	45800	Soil	1/462	X	X	X									X	X
Cell 58		1116	45901			X	X	X									X	X
Cell 59		0850	45902			X	X	X									X	X
Cell 60		0907	45903			X	X	X									X	X
Cell 61		0945	45904			X	X	X									X	X
Cell 63		0813	45905			X	X	X									X	X
Cell 64		0814	45906			X	X	X									X	X
Cell 65		0839	45907			X	X	X									X	X
Relinquished by: (Signature) <i>Cathy Baucum</i>				Date	6/13/08	Time	4:30	Received by: (Signature) <i>[Signature]</i>				Date	6-13-08	Time	4:30			
Relinquished by: (Signature)								Received by: (Signature)										
Relinquished by: (Signature)								Received by: (Signature)										

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1420 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 48

DRIVER NA

SAMPLE (Soil)

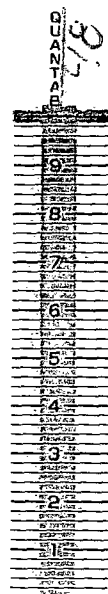
CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1422 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 50

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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PRactical SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1432 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 63

DRIVER NA

SAMPLE (Soil)

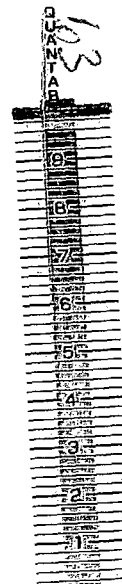
CHLORIDE TEST 50 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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PRactical SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1427 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 62

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1440 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 64

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST <31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1445 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 65

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST <31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1452 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 59

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1448 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 58

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1455 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 61

DRIVER NA

SAMPLE (Soil)

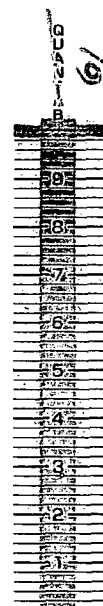
CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1459 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 57

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



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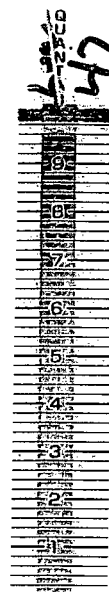
ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1502
CUSTOMER Envirotech
SITE Landfarm #2 Cell 47
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST Joshua Kirchner

Attach 1 here



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1505
CUSTOMER Envirotech
SITE Landfarm #2 Cell 44
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST Joshua Kirchner

Attach test strip here



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1510 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell S3

DRIVER NA

SAMPLE (Soil)

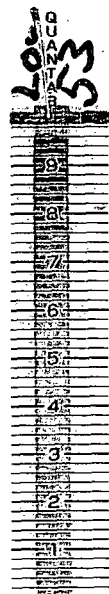
CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES - NO -

PAINT FILTER TEST Time started - Time completed -

PASS YES - NO -

SAMPLER/ANALYST Joshua Kirchner



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1508 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell S1

DRIVER NA

SAMPLE (Soil)

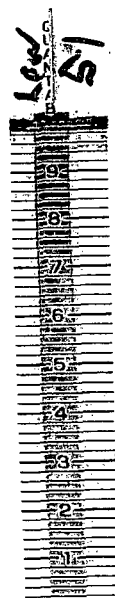
CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES - NO -

PAINT FILTER TEST Time started - Time completed -

PASS YES - NO -

SAMPLER/ANALYST Joshua Kirchner



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1513 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 52

DRIVER NA

SAMPLE Soil

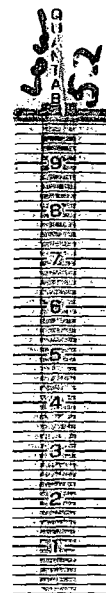
CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES - NO -

PAINT FILTER TEST Time started - Time completed -

PASS YES - NO -

SAMPLER/ANALYST Joshua Kirchner



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1515 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 54

DRIVER NA

SAMPLE Soil

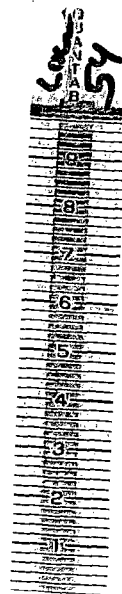
CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES - NO -

PAINT FILTER TEST Time started - Time completed -

PASS YES - NO -

SAMPLER/ANALYST Joshua Kirchner



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1518 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 55

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST Joshua Kirchner



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1522 Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 56

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST Joshua Kirchner



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ENVIROTECH INC.

Practical Solutions for a Better Tomorrow

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08

TIME 1524

Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 60

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES —

NO —

PAINT FILTER TEST Time started —

Time completed —

PASS YES —

NO —

SAMPLER/ANALYST Joshua Kirchner



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ENVIROTECH INC.

Practical Solutions for a Better Tomorrow

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08

TIME 1415

Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 46

DRIVER N/A

SAMPLE (Soil)

CHLORIDE TEST 379 mg/Kg

ACCEPTED YES —

NO —

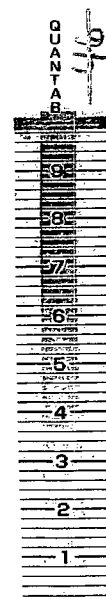
PAINT FILTER TEST Time started —

Time completed —

PASS YES —

NO —

SAMPLER/ANALYST James McDaniel



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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

2008 JUL 3 PM 1 40

July 1, 2008

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

RE: ENVIROTECH'S LANDFARM #2, CLOSURE AND SECOND LIFT FOR CELLS 46-62, 64, AND 65

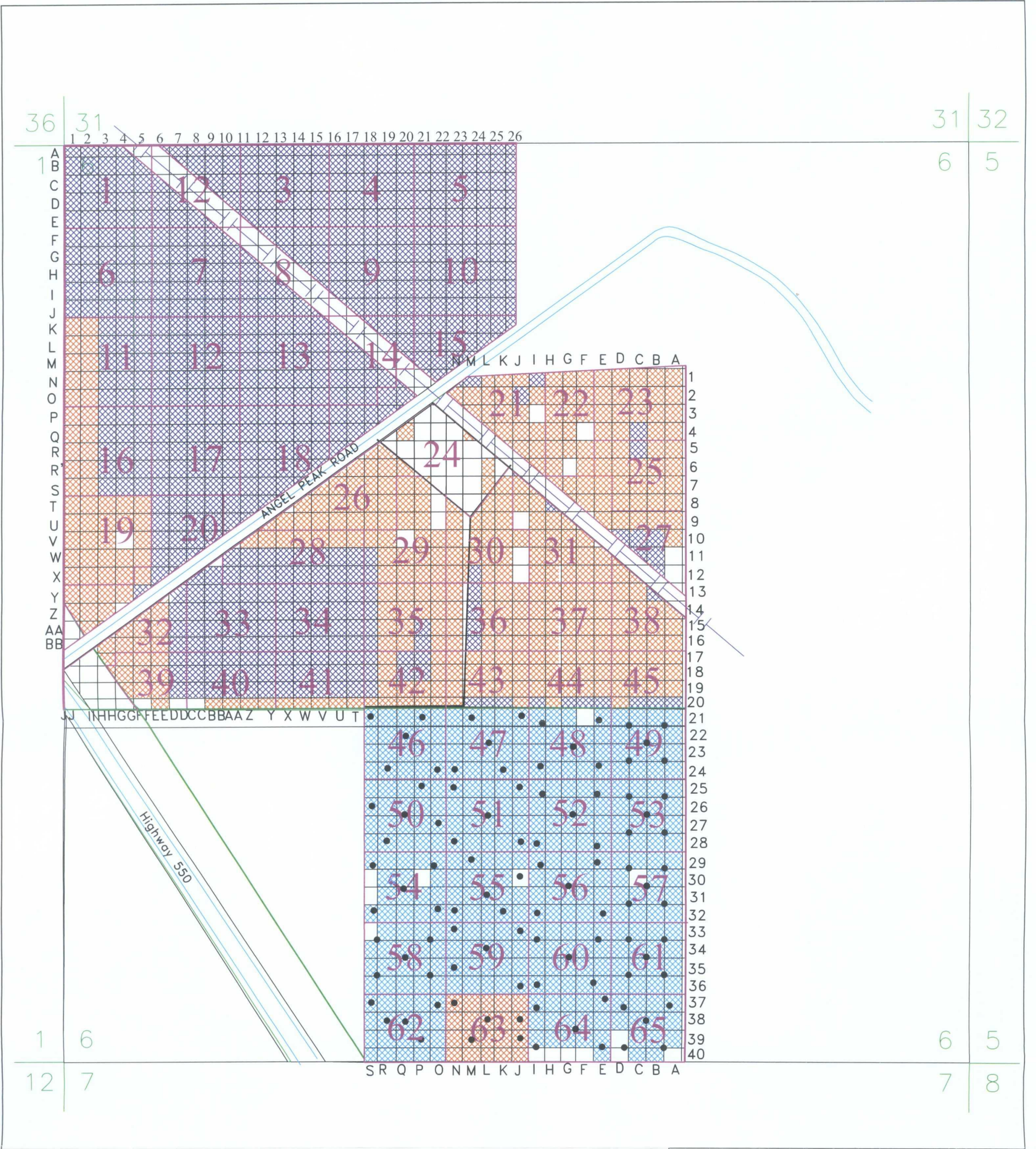
Dear Mr. Price,

Attached please find laboratory documentation supporting our request for closure at Envirotech's Landfarm #2, for cells 46-62, 64, and 65 located near Hilltop, New Mexico. The area being submitted is shown on the attached map, outlined in purple.

As per Envirotech's OCD Rule 711 Permit Approval NM -01-0011 dated April 18, 2000 all cells being requested for closure have passed laboratory analysis of less than 100 ppm TPH, 50 ppm BTEX and 10 ppm Benzene. In addition Envirotech has sampled for Chlorides also. As stated in the treatment zone monitoring portion of Envirotech's permit no cell sampled was larger than five acres. Samples were collected as a five-point composite, sample locations can be seen in the attached map.

The blue cells (46-62, 64, and 65) have passed laboratory analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene, and total xylenes (see attached laboratory reports). Envirotech hereby requests that these cells be granted closure and approval to apply a second lift of qualifying material to these cells.

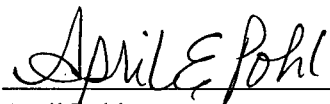
Due to the unusually large amount of contaminated soil Envirotech has accepted recently, our Landfarm #2 is currently under limited space constraints. Therefore, Envirotech respectfully requests expedition of this matter, in order that our Landfarm #2 may continue to serve the Four Corners region without interruption.



As of 6-27-08		LEGEND EMPTY ACTIVE CLOSURE APPROVED BY OCD REQUESTED CLOSURE FROM OCD PIPELINE SAMPLE LOCATIONS	
OCD LANDFARM 2 CELL GRID LAYOUT		SITE MAP	
REVISIONS BY AEP DATE 05/11/07 BY ENH DATE 06/27/08		ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 FARMINGTON, NEW MEXICO 87401 (505) 632-0615	
		DATE 07/12/06 SCALE 1"= 600'	DRAWN CJC APPROVED CJC FIGURE 1

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

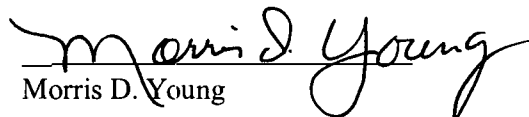
Respectfully Submitted,
ENVIROTECH, INC.



April Pohl

Landfarm Administrator

apohl@envirotech-inc.com



Morris D. Young

President

mdyoung@envirotech-inc.com

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1524

Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 60

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST Joshua Kirchner



ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1415

Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 46

DRIVER N/A

SAMPLE (Soil)

CHLORIDE TEST 379 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST James McDaniel



ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1518

Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell 55

DRIVER NA

SAMPLE (Soil)

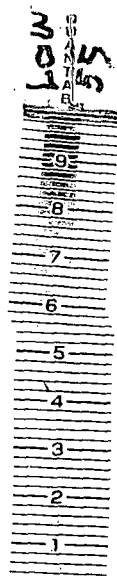
CHLORIDE TEST < 31 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

SAMPLER/ANALYST Joshua Kirchner



ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1522

Attach test strip here

CUSTOMER Envirotech

SITE Landfarm #2 Cell S6

DRIVER NA

SAMPLE (Soil)

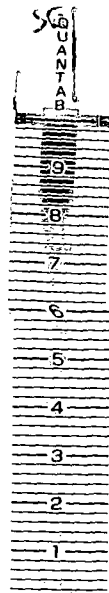
CHLORIDE TEST 231 mg/Kg

ACCEPTED YES — NO —

PAINT FILTER TEST Time started — Time completed —

PASS YES — NO —

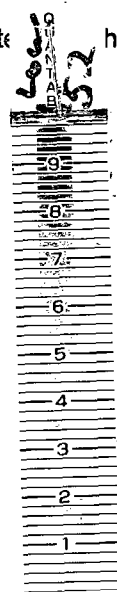
SAMPLER/ANALYST Joshua Kirchner



CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1513
CUSTOMER Envirotech
SITE Landfarm #2 Cell S2
DRIVER NA
SAMPLE Soil
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES - NO -
PAINT FILTER TEST Time started - Time completed -
PASS YES - NO -
SAMPLER/ANALYST Joshua Kirchner

Attach test strip here

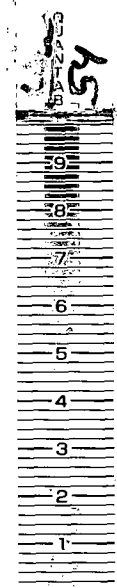


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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1515
CUSTOMER Envirotech
SITE Landfarm #2 Cell S4
DRIVER NA
SAMPLE Soil
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES - NO -
PAINT FILTER TEST Time started - Time completed -
PASS YES - NO -
SAMPLER/ANALYST Joshua Kirchner

Attach test strip here

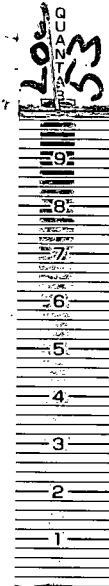


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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1510
CUSTOMER Envirotech
SITE Landfarm #2 Cell S3
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES - NO -
PAINT FILTER TEST Time started - Time completed -
PASS YES - NO -
SAMPLER/ANALYST Joshua Kirchner

Attach test strip here

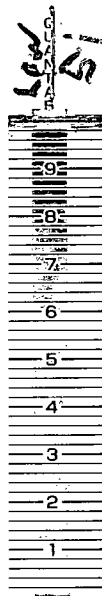


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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1508
CUSTOMER Envirotech
SITE Landfarm #2 Cell S1
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES - NO -
PAINT FILTER TEST Time started - Time completed -
PASS YES - NO -
SAMPLER/ANALYST Joshua Kirchner

Attach test strip here



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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1502

CUSTOMER Envirotech

SITE Landfarm #2 Cell 47

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST <31 mg/Kg

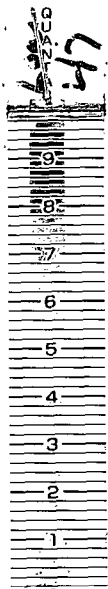
ACCEPTED YES - NO -

PAINT FILTER TEST Time started - Time completed -

PASS YES - NO -

SAMPLER/ANALYST Joshua Kirchner

Attach I here



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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1505

CUSTOMER Envirotech

SITE Landfarm #2 Cell 44

DRIVER NA

SAMPLE (Soil)

CHLORIDE TEST <31 mg/Kg

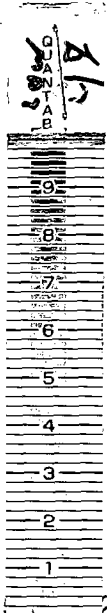
ACCEPTED YES - NO -

PAINT FILTER TEST Time started - Time completed -

PASS YES - NO -

SAMPLER/ANALYST Joshua Kirchner

Attach test strip here

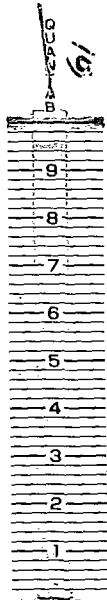


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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1455
CUSTOMER Envirotech
SITE Landfarm #2 Cell 61
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel

Attach test strip here

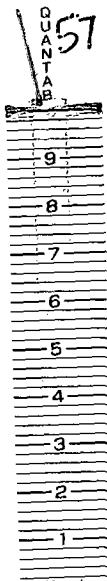


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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1459
CUSTOMER Envirotech
SITE Landfarm #2 Cell 57
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel

Attach test strip here

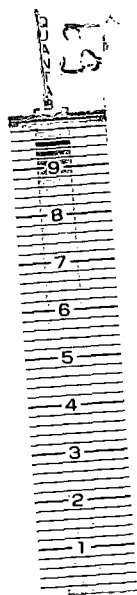


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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1452
CUSTOMER Envirotech
SITE Landfarm #2 Cell 59
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel

Attach test strip here



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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1448
CUSTOMER Envirotech
SITE Landfarm #2 Cell 58
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel

Attach test strip here

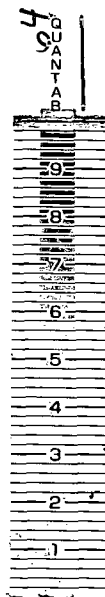


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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1440
CUSTOMER Envirotech
SITE Landfarm #2 Cell 64
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST <31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel

Attach test strip here

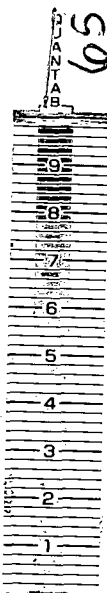


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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1445
CUSTOMER Envirotech
SITE Landfarm #2 Cell 65
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST <31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel

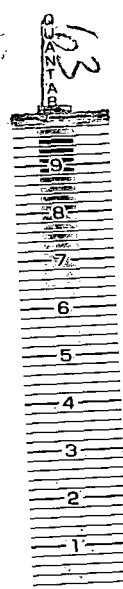
Attach test strip here



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CHLORIDE TESTING / PAINT FILTER TESTING

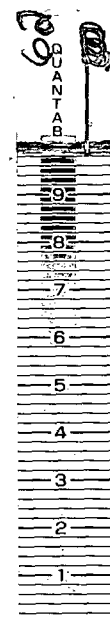
DATE 6/13/08 TIME 1432 Attach test strip here
CUSTOMER Envirotech
SITE Landfarm #2 Cell 63
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST 50 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel



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CHLORIDE TESTING / PAINT FILTER TESTING

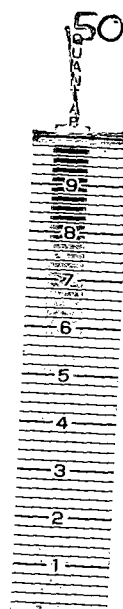
DATE 6/13/08 TIME 1427 Attach test strip here
CUSTOMER Envirotech
SITE Landfarm #2 Cell 62
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST < 31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel



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CHLORIDE TESTING / PAINT FILTER TESTING

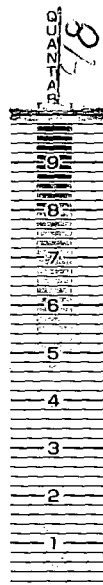
DATE 6/13/08 TIME 1422 Attach test strip here
CUSTOMER Envirotech
SITE Landfarm #2 Cell 50
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST <31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel



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CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/13/08 TIME 1420 Attach test strip here
CUSTOMER Envirotech
SITE Landfarm #2 Cell 48
DRIVER NA
SAMPLE (Soil)
CHLORIDE TEST <31 mg/Kg
ACCEPTED YES — NO —
PAINT FILTER TEST Time started — Time completed —
PASS YES — NO —
SAMPLER/ANALYST James McDaniel



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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 47	Date Reported:	06-18-08
Laboratory Number:	45890	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

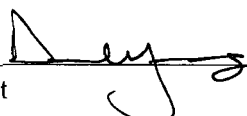
Client:	Envirotech	Project #:	
Sample ID:	Cell 48	Date Reported:	06-18-08
Laboratory Number:	45891	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

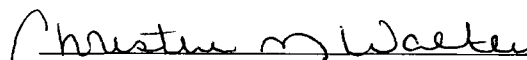
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.6	0.1
Total Petroleum Hydrocarbons	1.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

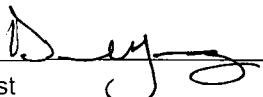
Client:	Envirotech	Project #:	
Sample ID:	Cell 49	Date Reported:	06-18-08
Laboratory Number:	45892	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

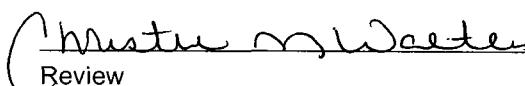
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.2	0.1
Total Petroleum Hydrocarbons	1.2	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

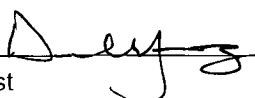
Client:	Envirotech	Project #:	
Sample ID:	Cell 50	Date Reported:	06-18-08
Laboratory Number:	45893	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

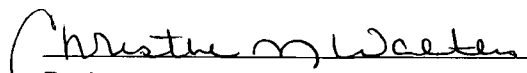
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.6	0.1
Total Petroleum Hydrocarbons	1.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

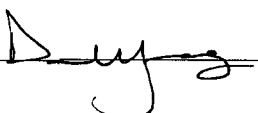
Client:	Envirotech	Project #:	
Sample ID:	Cell 51	Date Reported:	06-18-08
Laboratory Number:	45894	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

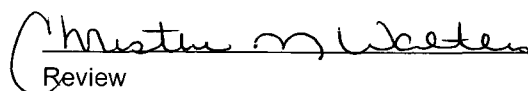
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	9.8	0.1
Total Petroleum Hydrocarbons	9.8	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

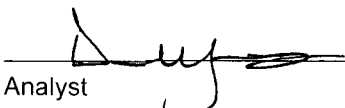
Client:	Envirotech	Project #:	
Sample ID:	Cell 52	Date Reported:	06-18-08
Laboratory Number:	45895	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

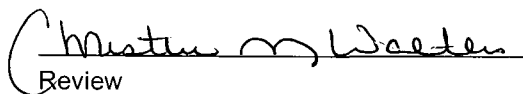
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3.8	0.1
Total Petroleum Hydrocarbons	3.8	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

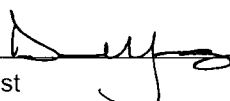
Client:	Envirotech	Project #:	
Sample ID:	Cell 54	Date Reported:	06-18-08
Laboratory Number:	45897	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

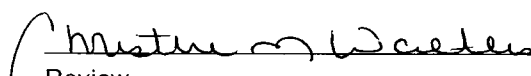
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	51.6	0.1
Total Petroleum Hydrocarbons	51.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

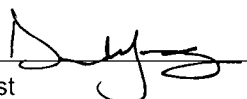
Client:	Envirotech	Project #:	
Sample ID:	Cell 55	Date Reported:	06-18-08
Laboratory Number:	45898	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

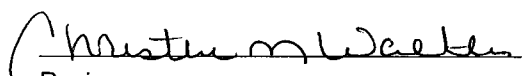
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	22.2	0.1
Total Petroleum Hydrocarbons	22.2	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 56	Date Reported:	06-18-08
Laboratory Number:	45899	Date Sampled:	06-13-08
Chain of Custody No:	4587	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	4.1	0.1
Total Petroleum Hydrocarbons	4.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-14-08 QA/QC	Date Reported:	06-18-08
Laboratory Number:	45890	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-14-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0154E+003	1.0158E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0042E+003	1.0046E+003	0.04%	0 - 15%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	252	101%	75 - 125%
Diesel Range C10 - C28	ND	250	253	101%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 45890 - 45895 and 45897 - 45899.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 47
Laboratory Number: 45890
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.3	0.9
Toluene	5.2	1.0
Ethylbenzene	1.6	1.0
p,m-Xylene	2.9	1.2
o-Xylene	2.2	0.9
Total BTEX	14.2	

ND - Parameter not detected at the stated detection limit.

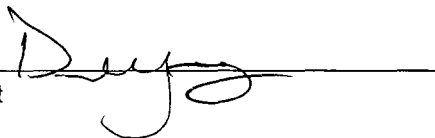
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

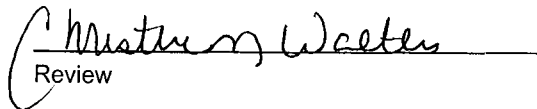
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



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ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 48
Laboratory Number: 45891
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.0	0.9
Toluene	5.7	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	2.9	1.2
o-Xylene	2.0	0.9
Total BTEX	14.0	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

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ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 49
Laboratory Number: 45892
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.9	0.9
Toluene	4.4	1.0
Ethylbenzene	1.2	1.0
p,m-Xylene	5.7	1.2
o-Xylene	3.0	0.9
Total BTEX	20.2	

ND - Parameter not detected at the stated detection limit.

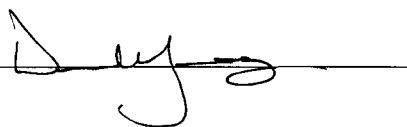
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

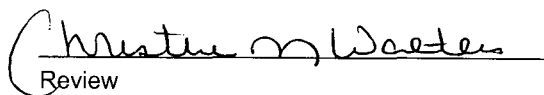
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

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ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 50
Laboratory Number: 45893
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.1	0.9
Toluene	4.4	1.0
Ethylbenzene	1.8	1.0
p,m-Xylene	3.9	1.2
o-Xylene	2.0	0.9
Total BTEX	13.2	

ND - Parameter not detected at the stated detection limit.

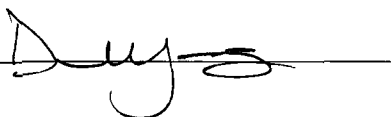
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

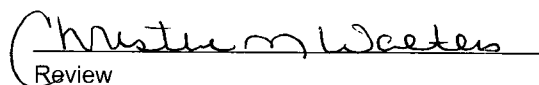
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 51
Laboratory Number: 45894
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

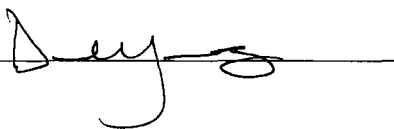
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

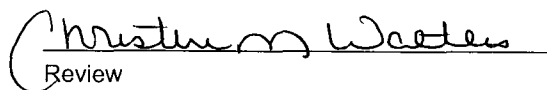
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

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PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 52
Laboratory Number: 45895
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.5	0.9
Toluene	5.6	1.0
Ethylbenzene	1.1	1.0
p,m-Xylene	3.7	1.2
o-Xylene	2.2	0.9
Total BTEX	14.1	

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

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ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 53
Laboratory Number: 45896
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

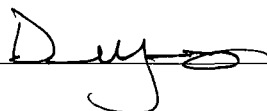
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

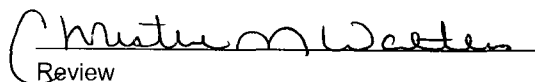
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 54
Laboratory Number: 45897
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

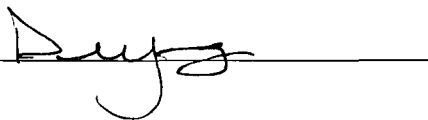
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

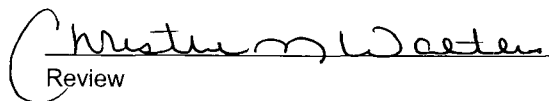
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 55
Laboratory Number: 45898
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 56
Laboratory Number: 45899
Chain of Custody: 4587
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-14-BT QA/QC	Date Reported:	06-18-08
Laboratory Number:	45890	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-14-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.5611E+007	2.5662E+007	0.2%	ND	0.1
Toluene	2.1731E+007	2.1774E+007	0.2%	ND	0.1
Ethylbenzene	1.5965E+007	1.5997E+007	0.2%	ND	0.1
p,m-Xylene	3.5080E+007	3.5150E+007	0.2%	ND	0.1
o-Xylene	1.5076E+007	1.5106E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	2.3	2.1	8.7%	0 - 30%	0.9
Toluene	5.2	5.0	3.8%	0 - 30%	1.0
Ethylbenzene	1.6	1.5	6.3%	0 - 30%	1.0
p,m-Xylene	2.9	3.0	3.4%	0 - 30%	1.2
o-Xylene	2.2	2.1	4.5%	0 - 30%	0.9

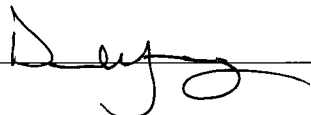
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.3	50.0	52.2	99.8%	39 - 150
Toluene	5.2	50.0	54.8	99.3%	46 - 148
Ethylbenzene	1.6	50.0	51.4	99.6%	32 - 160
p,m-Xylene	2.9	100	97.9	95.1%	46 - 148
o-Xylene	2.2	50.0	51.9	99.4%	46 - 148

ND - Parameter not detected at the stated detection limit.

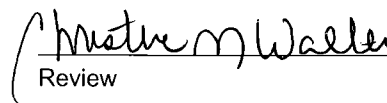
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 45890 - 45899.

Analyst



Review



CHAIN OF CUSTODY RECORD

4587

Client: Envirotech		Project Name / Location: Landfarm #2 Unit 5		ANALYSIS / PARAMETERS																					
Client Address:		Sampler Name: SPM / SMA / TKT / ENH		TPH (Method 8015)		BTEX (Method 8021)		VOC (Method 8260)		RCRA 8 Metals		Cation / Anion		RCI		TCLP with H/P		PAH		TPH (418.1)		Sample Cool		Sample Intact	
Client Phone No.:		Client No.: 03037-006		Sample Date		Sample Time		Lab No.		Sample Matrix		No. / Volume of Containers		Preservative											
Cell 47		6/13/08		1011		45890		Soil		1/40z		HgCl ₂ HNO ₃		X		X								X	
Cell 48		1033		45891								X		X		X								X	
Cell 49		1046		45892								X		X		X								X	
Cell 50		1107		45893								X		X		X								X	
Cell 51		0950		45894								X		X		X								X	
Cell 52		1003		45895								X		X		X								X	
Cell 53		1015		45896								X		X		X								X	
Cell 54		1112		45897								X		X		X								X	
Cell 55		00925		45898								X		X		X								X	
Cell 56		0927		45899								X		X		X								X	
Relinquished by: (Signature) <i>Cathy Bacon</i>		Date 6/13/08		Time 4:30		Received by: (Signature) <i>[Signature]</i>		Date 6-13		Time 430															
Relinquished by: (Signature)						Received by: (Signature)																			
Relinquished by: (Signature)						Received by: (Signature)																			

ENVIROTECH INC.

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

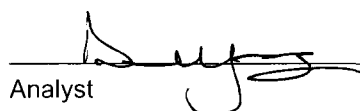
Client:	Envirotech	Project #:	
Sample ID:	Cell 58	Date Reported:	06-18-08
Laboratory Number:	45901	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

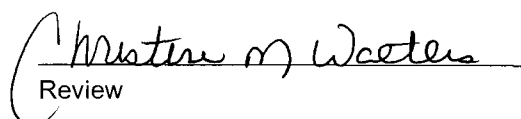
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	14.5	0.1
Total Petroleum Hydrocarbons	14.5	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

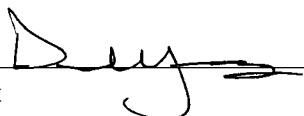
Client:	Envirotech	Project #:	
Sample ID:	Cell 59	Date Reported:	06-18-08
Laboratory Number:	45902	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

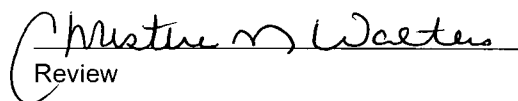
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	9.5	0.1
Total Petroleum Hydrocarbons	9.5	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 60	Date Reported:	06-18-08
Laboratory Number:	45903	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3.6	0.1
Total Petroleum Hydrocarbons	3.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell 61	Date Reported:	06-18-08
Laboratory Number:	45904	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3.0	0.1
Total Petroleum Hydrocarbons	3.0	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst

Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

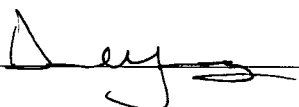
Client:	Envirotech	Project #:	
Sample ID:	Cell 63	Date Reported:	06-18-08
Laboratory Number:	45905	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

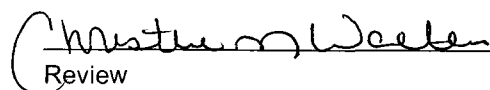
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	469	0.1
Total Petroleum Hydrocarbons	469	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

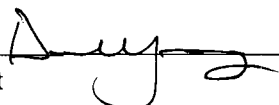
Client:	Envirotech	Project #:	
Sample ID:	Cell 64	Date Reported:	06-18-08
Laboratory Number:	45906	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	90.7	0.1
Total Petroleum Hydrocarbons	90.7	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**

Analyst 

Review 

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

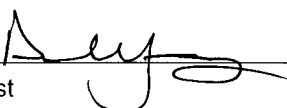
Client:	Envirotech	Project #:	
Sample ID:	Cell 65	Date Reported:	06-18-08
Laboratory Number:	45907	Date Sampled:	06-13-08
Chain of Custody No:	4586	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-14-08
Preservative:	Cool	Date Analyzed:	06-14-08
Condition:	Intact	Analysis Requested:	8015 TPH

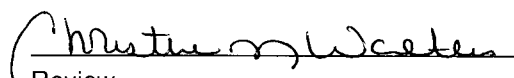
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	9.1	0.1
Total Petroleum Hydrocarbons	9.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 5 Closure Samples**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-14-08 QA/QC	Date Reported:	06-18-08
Laboratory Number:	45901	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-14-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0071E+003	1.0075E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9549E+002	9.9588E+002	0.04%	0 - 15%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	14.5	14.4	0.7%	0 - 30%

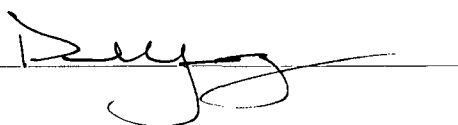
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	247	98.8%	75 - 125%
Diesel Range C10 - C28	14.5	250	255	96.2%	75 - 125%

ND - Parameter not detected at the stated detection limit.

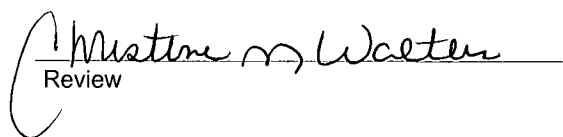
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 45901 - 45907.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 57
Laboratory Number: 45900
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.6	0.9
Toluene	2.2	1.0
Ethylbenzene	1.2	1.0
p,m-Xylene	1.5	1.2
o-Xylene	2.1	0.9
Total BTEX	8.6	

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 58
Laboratory Number: 45901
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.4	0.9
Toluene	5.3	1.0
Ethylbenzene	1.7	1.0
p,m-Xylene	2.2	1.2
o-Xylene	4.3	0.9
Total BTEX	14.9	

ND - Parameter not detected at the stated detection limit.

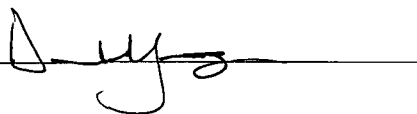
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

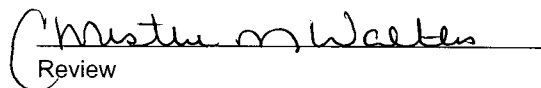
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 59
Laboratory Number: 45902
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.1	0.9
Toluene	11.9	1.0
Ethylbenzene	1.6	1.0
p,m-Xylene	5.2	1.2
o-Xylene	4.9	0.9
Total BTEX	25.7	

ND - Parameter not detected at the stated detection limit.

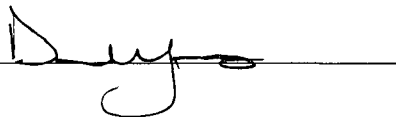
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

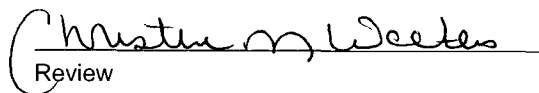
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 60
Laboratory Number: 45903
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.0	0.9
Toluene	4.1	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	2.5	1.2
o-Xylene	4.7	0.9
Total BTEX	13.7	

ND - Parameter not detected at the stated detection limit.

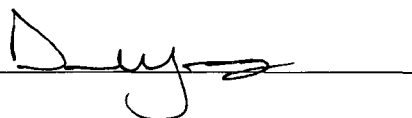
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

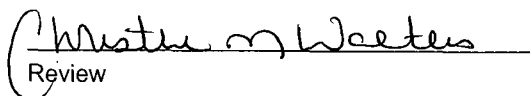
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 61
Laboratory Number: 45904
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

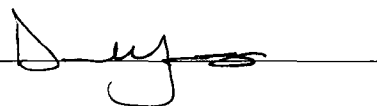
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

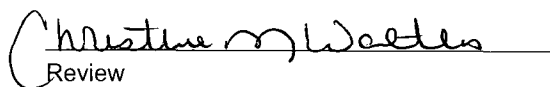
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 63
Laboratory Number: 45905
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

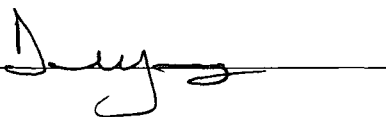
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

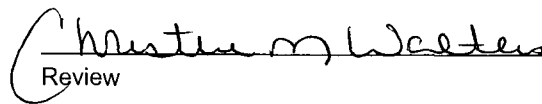
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 64
Laboratory Number: 45906
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

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

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: Cell 65
Laboratory Number: 45907
Chain of Custody: 4586
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 06-18-08
Date Sampled: 06-13-08
Date Received: 06-13-08
Date Analyzed: 06-14-08
Date Extracted: 06-14-08
Analysis Requested: BTEX

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

ND - Parameter not detected at the stated detection limit.

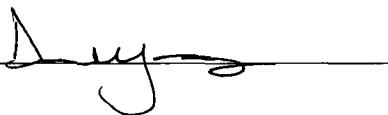
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

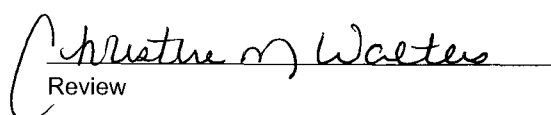
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Unit 5 Closure Samples

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-14-BT QA/QC	Date Reported:	06-18-08
Laboratory Number:	45900	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-14-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.4034E+007	2.4082E+007	0.2%	ND	0.1
Toluene	2.0404E+007	2.0444E+007	0.2%	ND	0.1
Ethylbenzene	1.5102E+007	1.5132E+007	0.2%	ND	0.1
p,m-Xylene	3.3689E+007	3.3756E+007	0.2%	ND	0.1
o-Xylene	1.4490E+007	1.4519E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	1.6	1.4	12.5%	0 - 30%	0.9
Toluene	2.2	1.9	13.6%	0 - 30%	1.0
Ethylbenzene	1.2	1.1	8.3%	0 - 30%	1.0
p,m-Xylene	1.5	1.6	6.7%	0 - 30%	1.2
o-Xylene	2.1	2.0	4.8%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.6	50.0	51.5	99.8%	39 - 150
Toluene	2.2	50.0	51.8	99.2%	46 - 148
Ethylbenzene	1.2	50.0	51.0	99.6%	32 - 160
p,m-Xylene	1.5	100	96.5	95.1%	46 - 148
o-Xylene	2.1	50.0	51.8	99.4%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 45900 - 45907.

Analyst

Review

CHAIN OF CUSTODY RECORD

4586

Client: Envirotech				Project Name / Location: Landfarm #2				ANALYSIS / PARAMETERS										Date		Time	
Client Address:				Sampler Name: SPM/JMA/TKT/ENH																	
Client Phone No.:				Client No.: 03037-006																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No. Volume of Containers	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Sample Cool	Sample Intact				
Cell 57	6/13/08	1011	45800	Soil	1/402	89	X	X								X	X				
Cell 58		1116	45901				X	X								X	X				
Cell 59		0850	45902				X	X								X	X				
Cell 60		0907	45903				X	X								X	X				
Cell 61		0945	45904				X	X								X	X				
Cell 63		0813	45905				X	X								X	X				
Cell 64		0814	45906				X	X								X	X				
Cell 65		0839	45907				X	X								X	X				
Relinquished by: (Signature) <i>Cathy Baucom</i>				Date <i>6/13/08</i> Time <i>4:30</i>				Received by: (Signature) <i>[Signature]</i>				Date <i>6-13-08</i> Time <i>4:30</i>									
Relinquished by: (Signature)								Received by: (Signature)													
Relinquished by: (Signature)								Received by: (Signature)													

ENVIROTECH INC.

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