

NM1 - 11

APPROVALS

YEAR(S):

2008



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



October 29, 2008

Mr. Morris D. Young
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-1-0011
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 October 28, 2008 and the additional analytical results, to apply an additional (second) six-inch lift to the following cells: Cells 27, 30, 31, 35, 36, 37, 38, 42, 43, 44, 45, 46, and 63 (as identified on the attached site map).

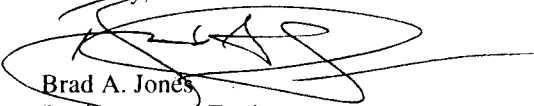
Based upon the analytical results provided, the above referenced landfarm cells are hereby approved for the addition of another lift of contaminated soils. Note, that with the addition of successive lifts Envirotech must initiate treatment zone monitoring and resume vadose zone monitoring. The vadose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

OCD would also like to clarify that Envirotech's OCD landfarm permit (Permit NM-1-0011) does not provide closure standards for landfarm cells. The standards identified in the October 28, 2008 request are for constituent remediation limits for the consideration of an additional lift. The additional testing of chloride is based upon the transitional provisions of 19.15.36 NMAC that states "existing surface waste management facilities shall comply with the *operational, waste acceptance and closure requirements* provided in 19.15.36 NMAC, except as otherwise specifically provided in the applicable permit or order, or in a specific waiver, exception or agreement that the division has granted in writing to the particular surface waste management facility." Condition 2.a under *Closure* of Permit NM-1-0011 specifies that "existing landfarm soils must be remediated until they meet the OCD standards in effect at the time of closure."

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



ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

October 28, 2008

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

RE: ENVIROTECH'S LANDFARM #2 CLOSURE AND SECOND LIFT FOR CELLS 27, 30, 31, 35, 36, 37, 38, 42, 43, 44, 45, 46, AND 63

Dear Mr. Price and Mr. Jones:

Attached please find analytical documentation supporting our request for closure at Envirotech's Land Farm #2, for cells 27, 30, 31, 35, 36, 37, 38, 42, 43, 44, 45, 46, AND 63 located near Hilltop, New Mexico. The area being submitted is shown on the attached map, marked by blue crosshatch design.

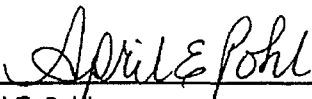
As per Envirotech's OCD Rule 711 Permit Approval NM 01-0011 dated April 8, 2000 all cells being requested for closure have passed laboratory analysis of less than 100 ppm TPH, 50 ppm BTEX and 10 ppm Benzene. In addition, Envirotech has sampled for chlorides. As stated in the treatment zone monitoring portion of Envirotech's permit, no cell sampled was larger than five acres. Samples were collected as a five-point composite.

The blue cells (27, 30, 31, 35, 36, 37, 38, 42, 43, 44, 45, 46, AND 63) have passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene and total xylenes (see attached laboratory results). Envirotech hereby requests these cells be granted closure and approval to apply a second lift of qualifying material to these cells.

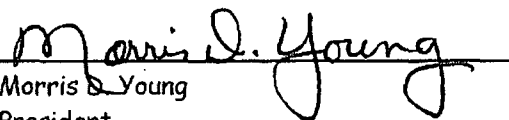
Due to the unusually large amounts of contaminated soil Envirotech has accepted recently, our Landfarm #2 is currently under limited space constraints. Therefore, Envirotech respectfully requests expedition of this matter, in order that our Landfarm #2 may continue to serve the Four Corners region without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

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

Respectfully submitted,
Envirotech, Inc.

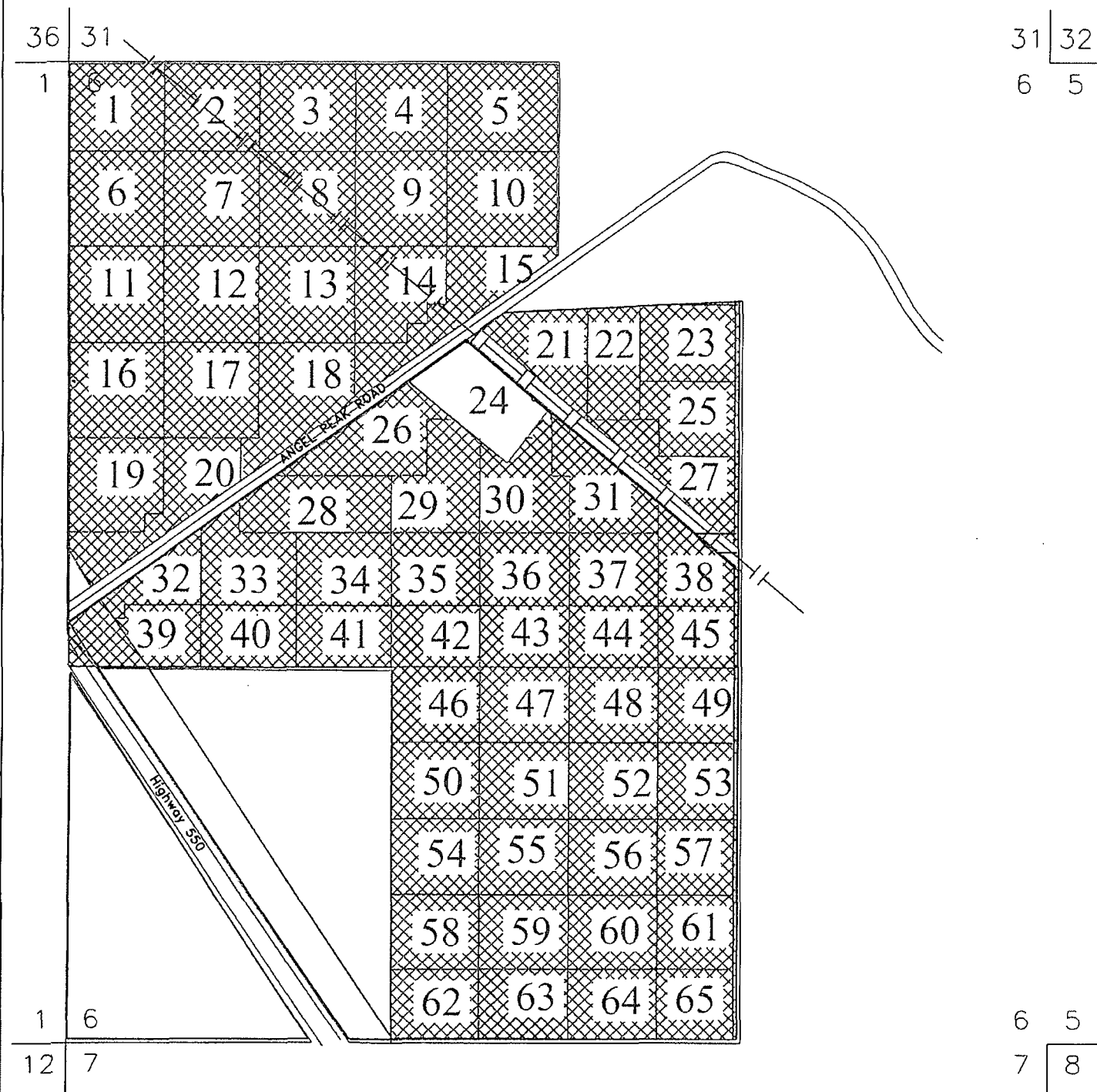


April E. Pohl
Land Farm Administrator
apohl@envirotech-inc.com



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

AEP/Office/Corporate/LF/Closures and second lifts/10-28-08



As of 10-28-2008

LEGEND

-  ACTIVE CELLS
-  CELLS MEET CLOSURE STANDARD
-  PIPELINE

OCD LANDFARM 2 CELL GRID LAYOUT

ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
(505) 632-0615

SITE MAP

REVISIONS
BY JMK DATE 10/06/08
BY JMK DATE 10/29/08

DATE 07/12/06 DRAWN CJC FIGURE 1
SCALE 1" = 600' APPROVED CJC

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 27
Laboratory Number: 47274
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	402	0.1
Total Petroleum Hydrocarbons	402	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 Closure Sample.

Analyst

Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	31	Date Reported:	09-25-08
Laboratory Number:	47275	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	18.3	0.1
Total Petroleum Hydrocarbons	18.3	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 Closure Sample.**

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:	38	Date Reported:	09-25-08
Laboratory Number:	47276	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Dat. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	53.6	0.1
Total Petroleum Hydrocarbons	53.6	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 Closure Sample.**

Analyst

Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	30	Date Reported:	09-25-08
Laboratory Number:	47277	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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 Closure Sample.**

Analyst

Review

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

Client: Envirotech
Sample ID: 37
Laboratory Number: 47278
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	324	0.1
Total Petroleum Hydrocarbons	324	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 Closure Sample.

Analyst

Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	35	Date Reported:	09-25-08
Laboratory Number:	47279	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Dét. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	12.2	0.1
Total Petroleum Hydrocarbons	12.2	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 Closure Sample.**

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:	23	Date Reported:	09-25-08
Laboratory Number:	47280	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	22.8	0.1
Total Petroleum Hydrocarbons	22.8	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 Closure Sample.**

Analyst

Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	45	Date Reported:	09-25-08
Laboratory Number:	47281	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	16.8	0.1
Total Petroleum Hydrocarbons	16.8	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 Closure Sample.

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:	21	Date Reported:	09-25-08
Laboratory Number:	47282	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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 Closure Sample.**

Analyst

Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 43
Laboratory Number: 47283
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	104	0.1
Total Petroleum Hydrocarbons	104	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 Closure Sample.

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:	09-23-08 QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	1.0249E+003	1.0253E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0635E+003	1.0639E+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	402	399	0.6%	0 - 30%

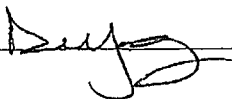
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	402	250	647	99.2%	75 - 125%

ND - Parameter not detected at the stated detection limit.

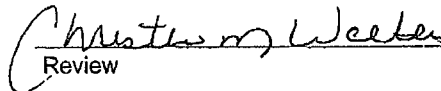
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47274 - 47283.

Analyst



Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 27
Laboratory Number: 47274
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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.

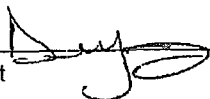
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

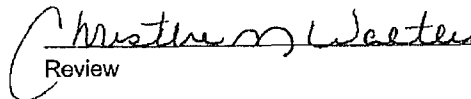
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 31
Laboratory Number: 47275
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.6	0.9
Toluene	2.8	1.0
Ethylbenzene	1.7	1.0
p,m-Xylene	3.2	1.2
o-Xylene	1.8	0.9
Total BTEX	12.1	

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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 38
Laboratory Number: 47276
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	7.4	0.9
Toluene	6.9	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	3.1	1.2
o-Xylene	1.0	0.9
Total BTEX	18.4	

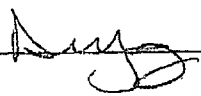
ND - Parameter not detected at the stated detection limit.

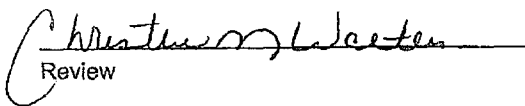
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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 Closure Samples.

Analyst: 


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 30
Laboratory Number: 47277
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Def. 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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	37	Date Reported:	09-25-08
Laboratory Number:	47278	Date Sampled:	09-17-08
Chain of Custody:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Analyzed:	09-23-08
Preservative:	Cool	Date Extracted:	09-22-08
Condition:	Intact	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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 35
Laboratory Number: 47279
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 23
Laboratory Number: 47280
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 45
Laboratory Number: 47281
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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.

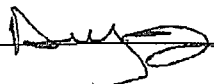
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

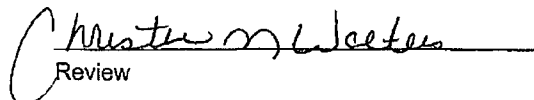
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Laboratory Number:	47282	Date Sampled:	09-17-08
Chain of Custody:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Analyzed:	09-23-08
Preservative:	Cool	Date Extracted:	09-22-08
Condition:	Intact	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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 43
Laboratory Number: 47283
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-23-BTEX QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	6.8337E+007	6.8473E+007	0.2%	ND	0.1
Toluene	5.2113E+007	5.2217E+007	0.2%	ND	0.1
Ethylbenzene	4.1072E+007	4.1155E+007	0.2%	ND	0.1
p,m-Xylene	8.5708E+007	8.5880E+007	0.2%	ND	0.1
o-Xylene	3.9786E+007	3.9866E+007	0.2%	ND	0.1

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

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	ND	50.0	44.0	88.0%	46 - 148
Ethylbenzene	ND	50.0	47.0	94.0%	32 - 160
p,m-Xylene	ND	100	100.0	100.0%	46 - 148
o-Xylene	ND	50.0	48.0	96.0%	46 - 148

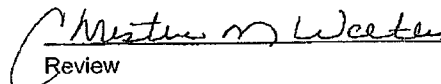
ND - Parameter not detected at the stated detection limit.

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 47274 - 47283.

Analyst 

Review 

ENVIROTECH LABS

Practical Solutions For A Better Tomorrow

Chloride

Client:	Envirotech	Project #:	
Sample ID:	27	Date Reported:	09-25-08
Lab ID#:	47274	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
Total Chloride	100

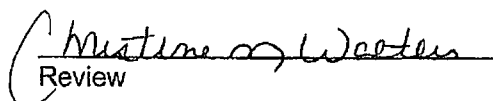
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	31	Date Reported:	09-25-08
Lab ID#:	47275	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
Total Chloride	20.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	38	Date Reported:	09-25-08
Lab ID#:	47276	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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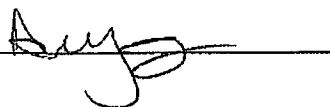
Total Chloride

39.0

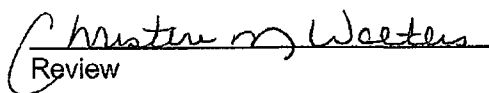
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



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Client:	Envirotech	Project #:	
Sample ID:	30	Date Reported:	09-25-08
Lab ID#:	47277	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
Total Chloride	31.0

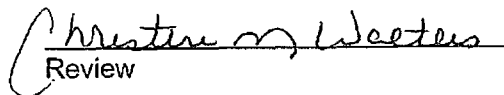
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	37	Date Reported:	09-25-08
Lab ID#:	47278	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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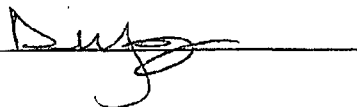
Total Chloride

42.0

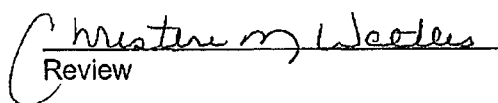
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	35	Date Reported:	09-25-08
Lab ID#:	47279	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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Total Chloride

132

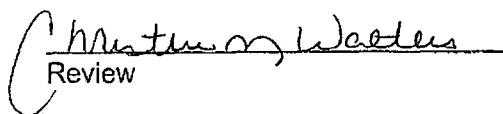
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



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ENVIROTECH LABS

Practical Solutions For A Better Tomorrow

Chloride

Client:	Envirotech	Project #:	
Sample ID:	23	Date Reported:	09-25-08
Lab ID#:	47280	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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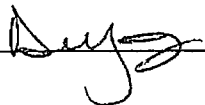
Total Chloride

35.0

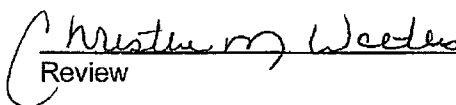
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	45	Date Reported:	09-25-08
Lab ID#:	47281	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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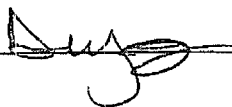
Total Chloride

43.0

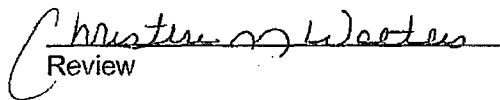
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Lab ID#:	47282	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
Total Chloride	41.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

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Client:	Envirotech	Project #:	
Sample ID:	43	Date Reported:	09-25-08
Lab ID#:	47283	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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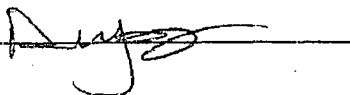
Total Chloride

51.0

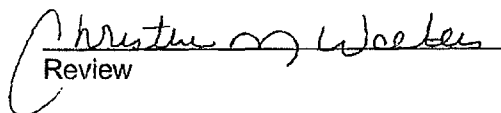
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



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ENVROTECH INC.

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	42	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	09-17-08
Chain of Custody No:	5296	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-23-08
Preservative:	Cool	Date Analyzed:	09-24-08
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)	328	0.1
Total Petroleum Hydrocarbons	328	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 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:	44	Date Reported:	09-29-08
Laboratory Number:	47285	Date Sampled:	09-17-08
Chain of Custody No:	5296	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-23-08
Preservative:	Cool	Date Analyzed:	09-24-08
Condition:	Intact	Analysis Requested:	8015 TPH

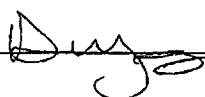
Parameter	Concentration (mg/Kg)	Det. Limit. (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	507	0.1
Total Petroleum Hydrocarbons	507	0.2

ND - Parameter not detected at the stated detection limit.

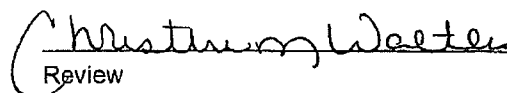
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 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:	22	Date Reported:	09-29-08
Laboratory Number:	47286	Date Sampled:	09-17-08
Chain of Custody No:	5296	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-23-08
Preservative:	Cool	Date Analyzed:	09-24-08
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)	49.0	0.1
Total Petroleum Hydrocarbons	49.0	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 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:	25	Date Reported:	09-29-08
Laboratory Number:	47287	Date Sampled:	09-17-08
Chain of Custody No:	5296	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-23-08
Preservative:	Cool	Date Analyzed:	09-24-08
Condition:	Intact	Analysis Requested:	8015 TPH

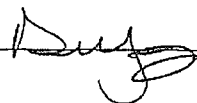
Parameter	Concentration (mg/Kg)	Det. Limit- (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

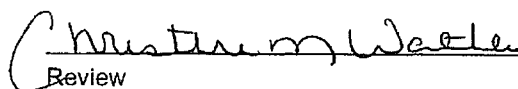
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm #2 Closure Samples.**

Analyst



Review



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 36
Laboratory Number: 47288
Chain of Custody No: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-23-08
Date Analyzed: 09-24-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	157	0.1
Total Petroleum Hydrocarbons	157	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 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:	09-24-08 QA/QC	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-08
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	1.0069E+003	1.0073E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0052E+003	1.0056E+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	328	326	0.6%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	328	250	573	99.1%	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 47284 - 47288, 47302, 47303, 47307, and 47308.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 42
Laboratory Number: 47284
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.2	0.9
Toluene	3.2	1.0
Ethylbenzene	2.1	1.0
p,m-Xylene	4.5	1.2
o-Xylene	1.8	0.9
Total BTEX	13.8	

ND - Parameter not detected at the stated detection limit.

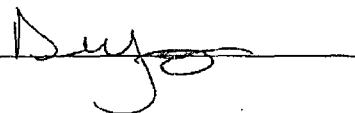
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

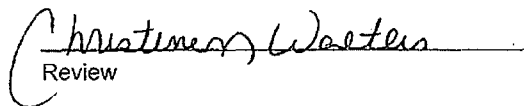
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



ENVIROTECH LABS

Practical Solutions for a Better Tomorrow

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 44
Laboratory Number: 47285
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.2	0.9
Toluene	3.8	1.0
Ethylbenzene	1.7	1.0
p,m-Xylene	3.5	1.2
o-Xylene	1.5	0.9
Total BTEX	12.7	

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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 36
Laboratory Number: 47288
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: N/A
Sample ID: 09-24-BT QA/QC
Laboratory Number: 47284
Sample Matrix: Soil
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 09-29-08
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 09-24-08
Analysis: BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	G-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	6.5439E+007	6.5571E+007	0.2%	ND	0.1
Toluene	5.0487E+007	5.0588E+007	0.2%	ND	0.1
Ethylbenzene	3.9897E+007	3.9977E+007	0.2%	ND	0.1
p,m-Xylene	8.3713E+007	8.3881E+007	0.2%	ND	0.1
o-Xylene	3.9345E+007	3.9424E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	2.2	2.2	0.0%	0 - 30%	0.9
Toluene	3.2	3.1	3.1%	0 - 30%	1.0
Ethylbenzene	2.1	2.2	4.8%	0 - 30%	1.0
p,m-Xylene	4.5	4.7	4.4%	0 - 30%	1.2
o-Xylene	1.8	2.0	11.1%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.2	50.0	53.2	102%	39 - 150
Toluene	3.2	50.0	47.2	88.7%	46 - 148
Ethylbenzene	2.1	50.0	49.1	94.2%	32 - 160
p,m-Xylene	4.5	100	102	97.1%	46 - 148
o-Xylene	1.8	50.0	49.8	96.1%	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 47284 - 47289, 47302, 47303, 47307, and 47308.

Analyst

Review

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	42	Date Reported:	09-26-08
Lab ID#:	47284	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
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Total Chloride

90.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	44	Date Reported:	09-26-08
Lab ID#:	47285	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
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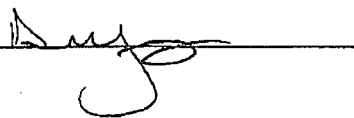
Total Chloride

50.0

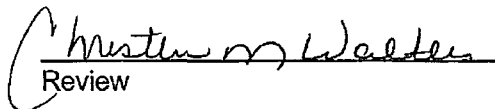
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

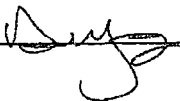
Client:	Envirotech	Project #:	03037-0006
Sample ID:	22	Date Reported:	09-26-08
Lab ID#:	47286	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
Total Chloride	56.0

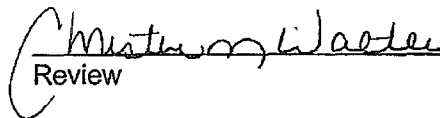
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	25	Date Reported:	09-26-08
Lab ID#:	47287	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
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Total Chloride

46.0

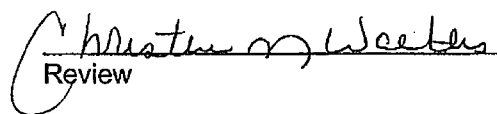
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	36	Date Reported:	09-26-08
Lab ID#:	47288	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
Total Chloride	49.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



CHAIN OF CUSTODY RECORD

5296

Client: Envirotech		Project Name / Location: Landfill Closure Samples		ANALYSIS / PARAMETERS															
Client Address:		Sampler Name: CKuehner																	
Client Phone No.:		Client No.: 03037-0006																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No. 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)	CHLORIDE	Sample Cool	Sample Intact	
42	9-17	1235	477284	Soil Sludge Aqueous	1402		X	X								X	X	✓	✓
44		1225	477285	Soil Sludge Aqueous			X	X								X	X	✓	✓
22		1325	477286	Soil Sludge Aqueous			X	X								X	X	✓	✓
25		1300	477287	Soil Sludge Aqueous			X	X								X	X	✓	✓
36		1245	477288	Soil Sludge Aqueous			X	X								X	X	✓	✓
Relinquished by: (Signature) <i>[Signature]</i>				Date	Time	Received by: (Signature) <i>[Signature]</i>													
Relinquished by: (Signature) <i>[Signature]</i>				9-17-8	1510	Received by: (Signature) <i>[Signature]</i>													
Relinquished by: (Signature)						Received by: (Signature)													

ENVIROTECH INC.

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Sec 27 5pt Composite	Date Reported:	10-23-08
Laboratory Number:	47673	Date Sampled:	10-08-08
Chain of Custody No:	5535	Date Received:	10-08-08
Sample Matrix:	Soil	Date Extracted:	10-15-08
Preservative:	Cool	Date Analyzed:	10-15-08
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)	3.3	0.1
Total Petroleum Hydrocarbons	3.3	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.**

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:	Sec 63 5pt Composite	Date Reported:	10-23-08
Laboratory Number:	47674	Date Sampled:	10-08-08
Chain of Custody No:	5535	Date Received:	10-08-08
Sample Matrix:	Soil	Date Extracted:	10-15-08
Preservative:	Cool	Date Analyzed:	10-15-08
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)	4.4	0.1
Total Petroleum Hydrocarbons	4.4	0.2

ND - Parameter not detected at the stated detection limit.

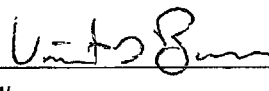
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm.**

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:	10-15-08 QA/QC	Date Reported:	10-23-08
Laboratory Number:	47673	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-15-08
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	9.8805E+002	9.8845E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.8190E+002	9.8230E+002	0.04%	0 - 15%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	3.3	3.2	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	245	98.0%	75 - 125%
Diesel Range C10 - C28	3.3	250	252	99.6%	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 47673 - 47674, 47687, 47697, 47699, and 47701.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Sec 27 5pt Composite	Date Reported:	10-23-08
Laboratory Number:	47673	Date Sampled:	10-08-08
Chain of Custody:	5535	Date Received:	10-08-08
Sample Matrix:	Soil	Date Analyzed:	10-15-08
Preservative:	Cool	Date Extracted:	10-15-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.2	0.9
Toluene	6.5	1.0
Ethylbenzene	2.5	1.0
p,m-Xylene	7.4	1.2
o-Xylene	4.1	0.9
Total BTEX	21.7	

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.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	1
Sample ID:	Sec 27 5pt Composite	Date Reported:	10-23-08
Laboratory Number:	47674	Date Sampled:	10-08-08
Chain of Custody:	5535	Date Received:	10-08-08
Sample Matrix:	Soil	Date Analyzed:	10-15-08
Preservative:	Cool	Date Extracted:	10-15-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.1	0.9
Toluene	10.3	1.0
Ethylbenzene	5.8	1.0
p,m-Xylene	15.0	1.2
o-Xylene	7.6	0.9
Total BTEX	43.8	

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.

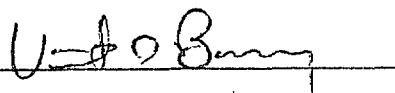
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-15-BT QA/QC	Date Reported:	10-23-08
Laboratory Number:	47673	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-15-08
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	5.3045E+007	5.3151E+007	0.2%	ND	0.1
Toluene	3.6704E+007	3.6778E+007	0.2%	ND	0.1
Ethylbenzene	2.8638E+007	2.8695E+007	0.2%	ND	0.1
p,m-Xylene	6.3900E+007	6.4028E+007	0.2%	ND	0.1
o-Xylene	2.9367E+007	2.9426E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	1.2	1.2	0.0%	0 - 30%	0.9
Toluene	6.5	6.7	3.1%	0 - 30%	1.0
Ethylbenzene	2.5	2.6	4.0%	0 - 30%	1.0
p,m-Xylene	7.4	7.7	4.1%	0 - 30%	1.2
o-Xylene	4.1	3.9	4.9%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.2	50.0	50.2	98.0%	39 - 150
Toluene	6.5	50.0	51.5	91.2%	46 - 148
Ethylbenzene	2.5	50.0	50.5	96.2%	32 - 160
p,m-Xylene	7.4	100	99.4	92.6%	46 - 148
o-Xylene	4.1	50.0	51.1	94.5%	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 47673 - 47674, 47687, 47692 - 47695, 47697, 47699, and 47701.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

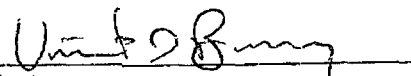
Chloride

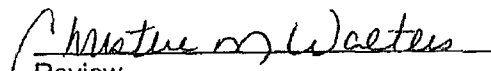
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Sample ID:	Sec: 27 5 pt Composite	Date Reported:	10-25-08
Lab ID#:	47673	Date Sampled:	10-08-08
Sample Matrix:	Soil	Date Received:	10-08-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5535

Parameter	Concentration (mg/Kg)
Total Chloride	35.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

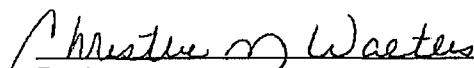
Client:	Envirotech	Project #:	
Sample ID:	Sec: 63 5 pt Composite	Date Reported:	10-25-08
Lab ID#:	47674	Date Sampled:	10-08-08
Sample Matrix:	Soil	Date Received:	10-08-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5535

Parameter	Concentration (mg/Kg)
Total Chloride	25.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm.


Analyst


Review

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ENVROTECH INC.

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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:	Sec 44 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47726	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
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:	Sec 36 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47727	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
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:	Sec 42 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47728	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
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.

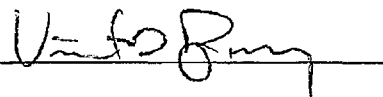
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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:	Sec 37 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47729	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
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.

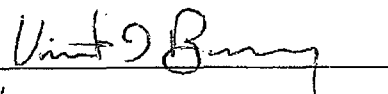
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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:	Sec 46 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47730	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
Condition:	Intact	Analysis Requested:	8015 TPH

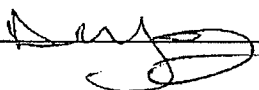
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	53.5	0.1
Total Petroleum Hydrocarbons	53.5	0.2

ND - Parameter not detected at the stated detection limit.

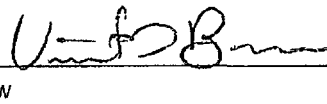
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-20-08 QA/QC	Date Reported:	10-24-08
Laboratory Number:	47723	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-20-08
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	1.0158E+003	1.0162E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0207E+003	1.0211E+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	248	99.2%	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 47723 - 47724 and 47726 - 47730.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Sec 44 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47726	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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	Project #:	
Sample ID:	Sec 36 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47727	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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.

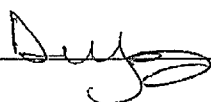
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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:	Envirotech	Project #:	
Sample ID:	Sec 42 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47728	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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: Sec 37 5pt Composite
Laboratory Number: 47729
Chain of Custody: 5545
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 10-24-08
Date Sampled: 10-13-08
Date Received: 10-13-08
Date Analyzed: 10-20-08
Date Extracted: 10-17-08
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.

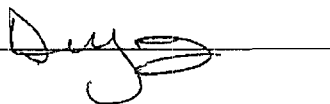
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

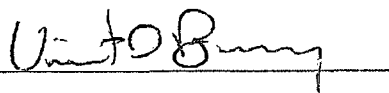
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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	Project #:	
Sample ID:	Sec 46 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47730	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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.

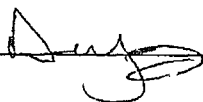
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

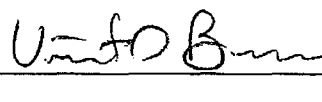
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm 2 Unit 5 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-20-BT QA/QC	Date Reported:	10-24-08
Laboratory Number:	47723	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-20-08
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	5.2635E+007	5.2741E+007	0.2%	ND	0.1
Toluene	3.8927E+007	3.9005E+007	0.2%	ND	0.1
Ethylbenzene	2.9843E+007	2.9902E+007	0.2%	ND	0.1
p,m-Xylene	6.3433E+007	6.3560E+007	0.2%	ND	0.1
o-Xylene	2.8672E+007	2.8729E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	11.1	11.3	1.8%	0 - 30%	0.9
Toluene	22.8	23.0	0.9%	0 - 30%	1.0
Ethylbenzene	26.8	26.9	0.4%	0 - 30%	1.0
p,m-Xylene	102	104	1.8%	0 - 30%	1.2
o-Xylene	33.0	32.7	0.9%	0 - 30%	0.9

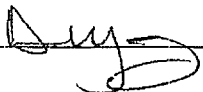
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	11.1	50.0	60.1	98.4%	39 - 150
Toluene	22.8	50.0	67.8	93.1%	46 - 148
Ethylbenzene	26.8	50.0	74.7	97.3%	32 - 160
p,m-Xylene	102	100	194	95.9%	46 - 148
o-Xylene	33.0	50.0	79.9	96.3%	46 - 148

ND - Parameter not detected at the stated detection limit.

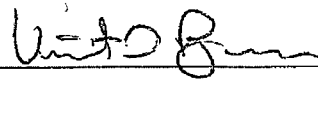
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 47723 - 47730.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 44 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47726	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

Parameter	Concentration (mg/Kg)
Total Chloride	65.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm 2 Unit 5 Closure Samples.

Unit 5 Barry
Analyst

Christopher M. Wooten
Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 36 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47727	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

Parameter	Concentration (mg/Kg)
Total Chloride	30.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

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

Analyst

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Review

Christopher M. Waeter

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

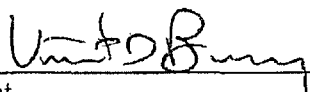
Chloride

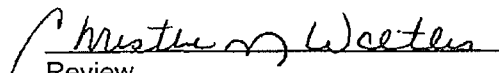
Client:	Envirotech	Project #:	
Sample ID:	Sec 42 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47728	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

Parameter	Concentration (mg/Kg)
Total Chloride	10.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm 2 Unit 5 Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 37 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47729	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

Parameter

Concentration (mg/Kg)

Total Chloride

40.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm 2 Unit 5 Closure Samples.

Analyst

Unit 5 Bmg

Review

Christine M. Waeter

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 46 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47730	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

Parameter

Concentration (mg/Kg)

Total Chloride

25.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm 2 Unit 5 Closure Samples.

Analyst

Unit 5 Bmg

Review

Christine M. Weber

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ENVROTECH INC.

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

October 28, 2008

RECEIVED

2008 NOV 10 PM 3 01

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

RE: ENVIROTECH'S LANDFARM #2 CLOSURE AND SECOND LIFT FOR CELLS 27, 30, 31, 35, 36, 37, 38, 42, 43, 44, 45, 46, AND 63

Dear Mr. Price and Mr. Jones:

Attached please find analytical documentation supporting our request for closure at Envirotech's Land Farm #2, for cells 27, 30, 31, 35, 36, 37, 38, 42, 43, 44, 45, 46, AND 63 located near Hilltop, New Mexico. The area being submitted is shown on the attached map, marked by blue crosshatch design.

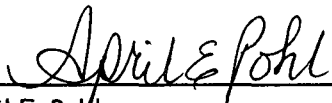
As per Envirotech's OCD Rule 711 Permit Approval NM 01-0011 dated April 8, 2000 all cells being requested for closure have passed laboratory analysis of less than 100 ppm TPH, 50 ppm BTEX and 10 ppm Benzene. In addition, Envirotech has sampled for chlorides. As stated in the treatment zone monitoring portion of Envirotech's permit, no cell sampled was larger than five acres. Samples were collected as a five-point composite.

The blue cells (27, 30, 31, 35, 36, 37, 38, 42, 43, 44, 45, 46, AND 63) have passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene and total xylenes (see attached laboratory results). Envirotech hereby requests these cells be granted closure and approval to apply a second lift of qualifying material to these cells.

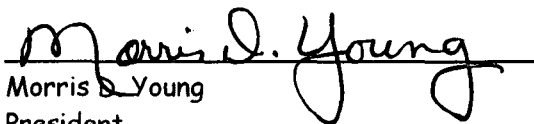
Due to the unusually large amounts of contaminated soil Envirotech has accepted recently, our Landfarm #2 is currently under limited space constraints. Therefore, Envirotech respectfully requests expedition of this matter, in order that our Landfarm #2 may continue to serve the Four Corners region without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

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

Respectfully submitted,
Envirotech, Inc.

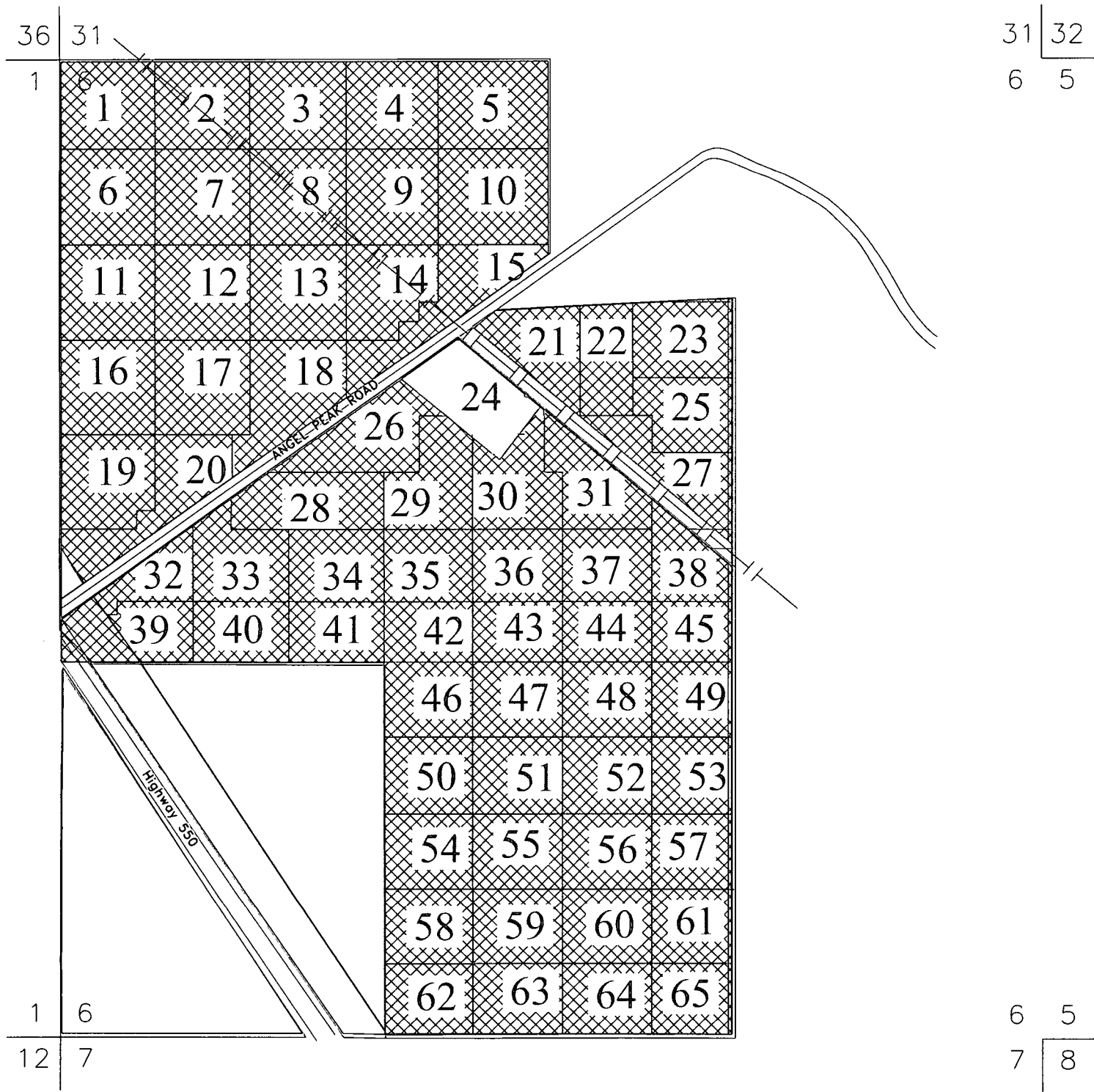


April E. Pohl
Land Farm Administrator
apohl@envirotech-inc.com



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

AEP/Office/Corporate/LF/Closures and second lifts/10-28-08



As of 10-28-2008

LEGEND

-  ACTIVE CELLS
-  CELLS MEET CLOSURE STANDARD
-  PIPELINE

**OCD LANDFARM 2
CELL GRID LAYOUT**

ENVIROTECH INC.

SITE MAP

REVISIONS	
BY JMK	DATE 10/06/08
BY JMK	DATE 10/28/08

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
(505) 632-0615

DATE	07/12/06	DRAWN	CJC	FIGURE
SCALE	1" = 600'	APPROVED	CJC	1

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	27	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	402	0.1
Total Petroleum Hydrocarbons	402	0.2

ND - Parameter not detected at the stated detection limit.

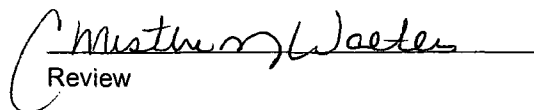
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 31
Laboratory Number: 47275
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	18.3	0.1
Total Petroleum Hydrocarbons	18.3	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 Closure Sample.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 38
Laboratory Number: 47276
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	53.6	0.1
Total Petroleum Hydrocarbons	53.6	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 Closure Sample.**

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:	30	Date Reported:	09-25-08
Laboratory Number:	47277	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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 Closure Sample.**

Analyst

Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 37
Laboratory Number: 47278
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	324	0.1
Total Petroleum Hydrocarbons	324	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 Closure Sample.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 35
Laboratory Number: 47279
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

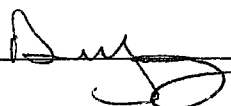
Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

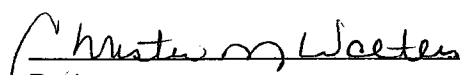
Parameter	Concentration (mg/Kg)	Dét. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	12.2	0.1
Total Petroleum Hydrocarbons	12.2	0.2

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 Closure Sample.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 23
Laboratory Number: 47280
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Detect. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	22.8	0.1
Total Petroleum Hydrocarbons	22.8	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 Closure Sample.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 45
Laboratory Number: 47281
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Dét. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	16.8	0.1
Total Petroleum Hydrocarbons	16.8	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 Closure Sample.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

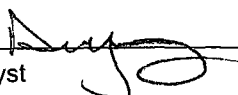
Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Laboratory Number:	47282	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Analysis Requested:	8015 TPH

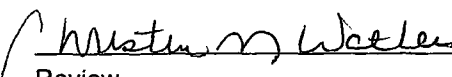
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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 Closure Sample.**


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:	43	Date Reported:	09-25-08
Laboratory Number:	47283	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	104	0.1
Total Petroleum Hydrocarbons	104	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 Closure Sample.**

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:	09-23-08 QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	1.0249E+003	1.0253E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0635E+003	1.0639E+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	402	399	0.6%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	402	250	647	99.2%	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 47274 - 47283.

Analyst

Review

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 27
Laboratory Number: 47274
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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.

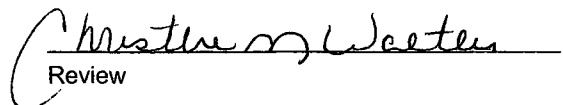
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 31
Laboratory Number: 47275
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.6	0.9
Toluene	2.8	1.0
Ethylbenzene	1.7	1.0
p,m-Xylene	3.2	1.2
o-Xylene	1.8	0.9
Total BTEX	12.1	

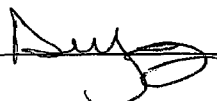
ND - Parameter not detected at the stated detection limit.

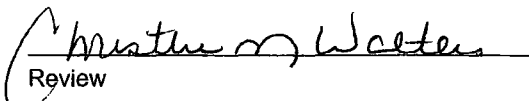
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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 Closure Samples.

Analyst 

Review 

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 38
Laboratory Number: 47276
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Def. Limit (ug/Kg)
Benzene	7.4	0.9
Toluene	6.9	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	3.1	1.2
o-Xylene	1.0	0.9
Total BTEX	18.4	

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 Closure Samples.

Analyst

Review

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	30	Date Reported:	09-25-08
Laboratory Number:	47277	Date Sampled:	09-17-08
Chain of Custody:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Analyzed:	09-23-08
Preservative:	Cool	Date Extracted:	09-22-08
Condition:	Intact	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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 37
Laboratory Number: 47278
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 35
Laboratory Number: 47279
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 23
Laboratory Number: 47280
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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.

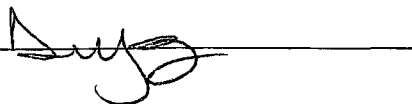
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

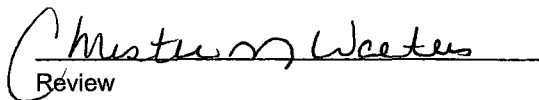
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	45	Date Reported:	09-25-08
Laboratory Number:	47281	Date Sampled:	09-17-08
Chain of Custody:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Analyzed:	09-23-08
Preservative:	Cool	Date Extracted:	09-22-08
Condition:	Intact	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.

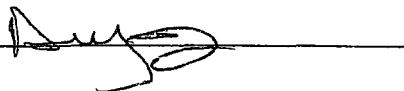
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

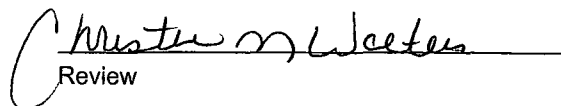
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 21
Laboratory Number: 47282
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	43	Date Reported:	09-25-08
Laboratory Number:	47283	Date Sampled:	09-17-08
Chain of Custody:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Analyzed:	09-23-08
Preservative:	Cool	Date Extracted:	09-22-08
Condition:	Intact	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 Closure Samples.

Analyst

Review

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-23-BTEX QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	6.8337E+007	6.8473E+007	0.2%	ND	0.1
Toluene	5.2113E+007	5.2217E+007	0.2%	ND	0.1
Ethylbenzene	4.1072E+007	4.1155E+007	0.2%	ND	0.1
p,m-Xylene	8.5708E+007	8.5880E+007	0.2%	ND	0.1
o-Xylene	3.9786E+007	3.9866E+007	0.2%	ND	0.1

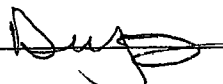
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

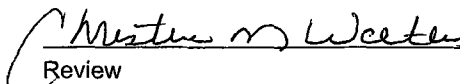
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	ND	50.0	44.0	88.0%	46 - 148
Ethylbenzene	ND	50.0	47.0	94.0%	32 - 160
p,m-Xylene	ND	100	100.0	100.0%	46 - 148
o-Xylene	ND	50.0	48.0	96.0%	46 - 148

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 47274 - 47283.

Analyst 

Review 

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	27	Date Reported:	09-25-08
Lab ID#:	47274	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter

Concentration (mg/Kg)

Total Chloride

100

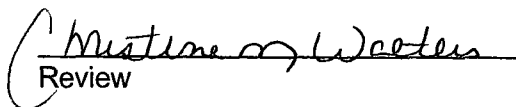
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	31	Date Reported:	09-25-08
Lab ID#:	47275	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter

Concentration (mg/Kg)

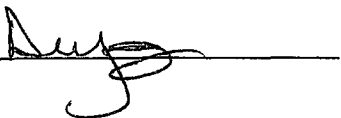
Total Chloride

20.0

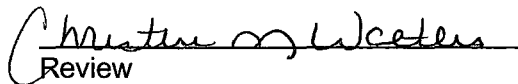
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	38	Date Reported:	09-25-08
Lab ID#:	47276	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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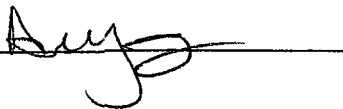
Total Chloride

39.0

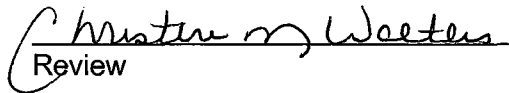
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	30	Date Reported:	09-25-08
Lab ID#:	47277	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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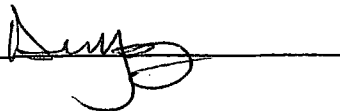
Total Chloride

31.0

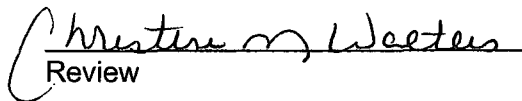
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



Client:	Envirotech	Project #:	
Sample ID:	37	Date Reported:	09-25-08
Lab ID#:	47278	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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Total Chloride

42.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	35	Date Reported:	09-25-08
Lab ID#:	47279	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter

Concentration (mg/Kg)

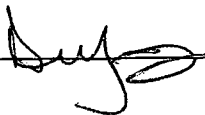
Total Chloride

132

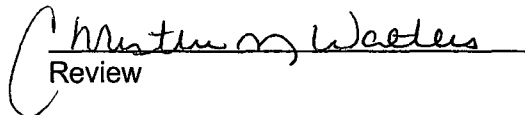
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	23	Date Reported:	09-25-08
Lab ID#:	47280	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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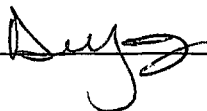
Total Chloride

35.0

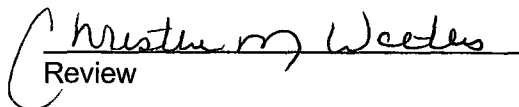
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



Client:	Envirotech	Project #:	
Sample ID:	45	Date Reported:	09-25-08
Lab ID#:	47281	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter

Concentration (mg/Kg)

Total Chloride

43.0

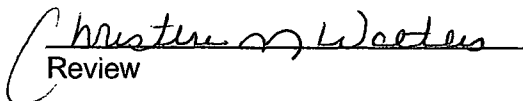
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Lab ID#:	47282	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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Total Chloride

41.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

Review

Chloride

Client:	Envirotech	Project #:	
Sample ID:	43	Date Reported:	09-25-08
Lab ID#:	47283	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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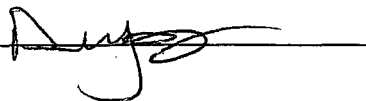
Total Chloride

51.0

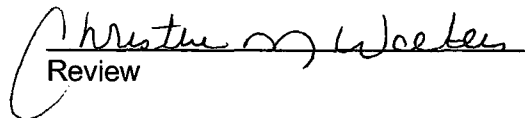
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



CHAIN OF CUSTODY RECORD

5295

Client: Envirotech			Project Name / Location: Landfill Closure Samples			ANALYSIS / PARAMETERS												
Client Address:			Sampler Name: J. Kuchner															
Client Phone No.:			Client No.: 03037-0006															
Sample No. / Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No. Volume of Containers	Preservative H ₂ O ₂ H ₂	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
27	9-17-08	1310	472264	Soil Sludge Aqueous	114oz		X	X								X	✓	✓
31		1315	472275	Soil Sludge Aqueous			X	X								X	✓	✓
38		1255	472276	Soil Sludge Aqueous			✓	✓								X	✓	✓
30		1305	472277	Soil Sludge Aqueous			X	X								X	✓	✓
37		1250	472278	Soil Sludge Aqueous			X	X								X	✓	✓
35		940	472279	Soil Sludge Aqueous			X	X								X	✓	✓
23		1320	472280	Soil Sludge Aqueous			X	✓								X	✓	✓
45		1220	472281	Soil Sludge Aqueous			X	✓								X	✓	✓
21		1330	472282	Soil Sludge Aqueous			X	X								X	✓	✓
43		1230	472283	Soil Sludge Aqueous			X	X								X	✓	✓
Relinquished by: (Signature)				Date		Time	Received by: (Signature)											
Relinquished by: (Signature)				9-17-08		1505	Kedall		A. G. S. S.									
Relinquished by: (Signature)							Received by: (Signature)											
Relinquished by: (Signature)							Received by: (Signature)											

ENVIROTECH INC.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	42	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	09-17-08
Chain of Custody No:	5296	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-23-08
Preservative:	Cool	Date Analyzed:	09-24-08
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)	328	0.1
Total Petroleum Hydrocarbons	328	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 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: 44
Laboratory Number: 47285
Chain of Custody No: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-23-08
Date Analyzed: 09-24-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit. (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	507	0.1
Total Petroleum Hydrocarbons	507	0.2

ND - Parameter not detected at the stated detection limit.

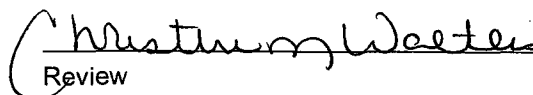
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm #2 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: 22
Laboratory Number: 47286
Chain of Custody No: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-23-08
Date Analyzed: 09-24-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	49.0	0.1
Total Petroleum Hydrocarbons	49.0	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 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: 25
Laboratory Number: 47287
Chain of Custody No: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-23-08
Date Analyzed: 09-24-08
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 Closure Samples.**

Analyst

Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 36
Laboratory Number: 47288
Chain of Custody No: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-23-08
Date Analyzed: 09-24-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	157	0.1
Total Petroleum Hydrocarbons	157	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 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:	09-24-08 QA/QC	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-08
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	1.0069E+003	1.0073E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0052E+003	1.0056E+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	328	326	0.6%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	328	250	573	99.1%	75 - 125%

ND - Parameter not detected at the stated detection limit.

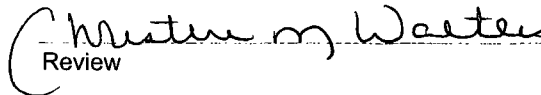
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47284 - 47288, 47302, 47303, 47307, and 47308.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 42
Laboratory Number: 47284
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.2	0.9
Toluene	3.2	1.0
Ethylbenzene	2.1	1.0
p,m-Xylene	4.5	1.2
o-Xylene	1.8	0.9
Total BTEX	13.8	

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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 44
Laboratory Number: 47285
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.2	0.9
Toluene	3.8	1.0
Ethylbenzene	1.7	1.0
p,m-Xylene	3.5	1.2
o-Xylene	1.5	0.9
Total BTEX	12.7	

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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 22
Laboratory Number: 47286
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.6	0.9
Toluene	59.1	1.0
Ethylbenzene	2.9	1.0
p,m-Xylene	388	1.2
o-Xylene	118	0.9
Total BTEX	574	

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.

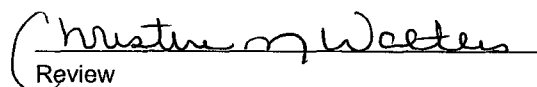
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 25
Laboratory Number: 47287
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
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.

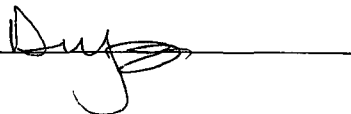
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 36
Laboratory Number: 47288
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
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.

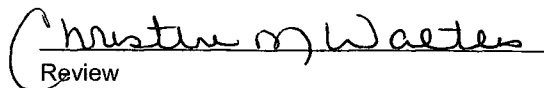
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-24-BT QA/QC	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-08
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	6.5439E+007	6.5571E+007	0.2%	ND	0.1
Toluene	5.0487E+007	5.0588E+007	0.2%	ND	0.1
Ethylbenzene	3.9897E+007	3.9977E+007	0.2%	ND	0.1
p,m-Xylene	8.3713E+007	8.3881E+007	0.2%	ND	0.1
o-Xylene	3.9345E+007	3.9424E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	2.2	2.2	0.0%	0 - 30%	0.9
Toluene	3.2	3.1	3.1%	0 - 30%	1.0
Ethylbenzene	2.1	2.2	4.8%	0 - 30%	1.0
p,m-Xylene	4.5	4.7	4.4%	0 - 30%	1.2
o-Xylene	1.8	2.0	11.1%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.2	50.0	53.2	102%	39 - 150
Toluene	3.2	50.0	47.2	88.7%	46 - 148
Ethylbenzene	2.1	50.0	49.1	94.2%	32 - 160
p,m-Xylene	4.5	100	102	97.1%	46 - 148
o-Xylene	1.8	50.0	49.8	96.1%	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 47284 - 47289, 47302, 47303, 47307, and 47308.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	42	Date Reported:	09-26-08
Lab ID#:	47284	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter

Concentration (mg/Kg)

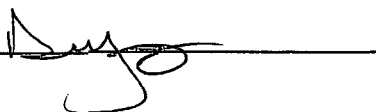
Total Chloride

90.0

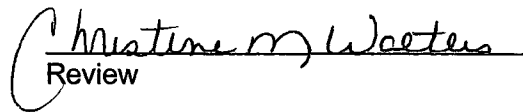
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	44	Date Reported:	09-26-08
Lab ID#:	47285	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
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Total Chloride

50.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

Review

ENVIROTECH LABS

Practical Solutions For A Better Tomorrow

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	22	Date Reported:	09-26-08
Lab ID#:	47286	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
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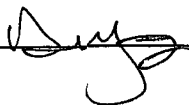
Total Chloride

56.0

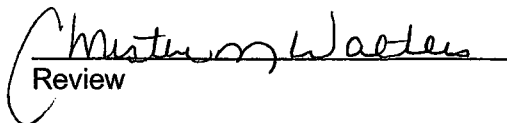
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	25	Date Reported:	09-26-08
Lab ID#:	47287	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter

Concentration (mg/Kg)

Total Chloride

46.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	36	Date Reported:	09-26-08
Lab ID#:	47288	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
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Total Chloride

49.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

Review

5296

Relinquished by: (Signature)

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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:	Sec 27 5pt Composite	Date Reported:	10-23-08
Laboratory Number:	47673	Date Sampled:	10-08-08
Chain of Custody No:	5535	Date Received:	10-08-08
Sample Matrix:	Soil	Date Extracted:	10-15-08
Preservative:	Cool	Date Analyzed:	10-15-08
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)	3.3	0.1
Total Petroleum Hydrocarbons	3.3	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.**

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:	Sec 63 5pt Composite	Date Reported:	10-23-08
Laboratory Number:	47674	Date Sampled:	10-08-08
Chain of Custody No:	5535	Date Received:	10-08-08
Sample Matrix:	Soil	Date Extracted:	10-15-08
Preservative:	Cool	Date Analyzed:	10-15-08
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)	4.4	0.1
Total Petroleum Hydrocarbons	4.4	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.**

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:	10-15-08 QA/QC	Date Reported:	10-23-08
Laboratory Number:	47673	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-15-08
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	9.8805E+002	9.8845E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.8190E+002	9.8230E+002	0.04%	0 - 15%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	3.3	3.2	0.0%	0 - 30%

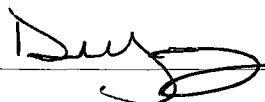
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	245	98.0%	75 - 125%
Diesel Range C10 - C28	3.3	250	252	99.6%	75 - 125%

ND - Parameter not detected at the stated detection limit.

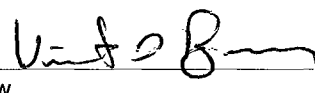
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47673 - 47674, 47687, 47697, 47699, and 47701.

Analyst



Review



ENVIROTECH LABS

Practical Solutions for a Better Tomorrow

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Sec 27 5pt Composite	Date Reported:	10-23-08
Laboratory Number:	47673	Date Sampled:	10-08-08
Chain of Custody:	5535	Date Received:	10-08-08
Sample Matrix:	Soil	Date Analyzed:	10-15-08
Preservative:	Cool	Date Extracted:	10-15-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.2	0.9
Toluene	6.5	1.0
Ethylbenzene	2.5	1.0
p,m-Xylene	7.4	1.2
o-Xylene	4.1	0.9
Total BTEX	21.7	

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.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Sec 27 5pt Composite	Date Reported:	10-23-08
Laboratory Number:	47674	Date Sampled:	10-08-08
Chain of Custody:	5535	Date Received:	10-08-08
Sample Matrix:	Soil	Date Analyzed:	10-15-08
Preservative:	Cool	Date Extracted:	10-15-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.1	0.9
Toluene	10.3	1.0
Ethylbenzene	5.8	1.0
p,m-Xylene	15.0	1.2
o-Xylene	7.6	0.9
Total BTEX	43.8	

ND - Parameter not detected at the stated detection limit.

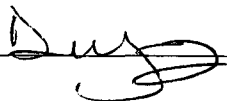
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

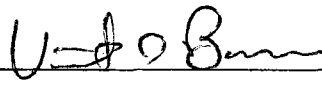
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-15-BT QA/QC	Date Reported:	10-23-08
Laboratory Number:	47673	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-15-08
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	5.3045E+007	5.3151E+007	0.2%	ND	0.1
Toluene	3.6704E+007	3.6778E+007	0.2%	ND	0.1
Ethylbenzene	2.8638E+007	2.8695E+007	0.2%	ND	0.1
p,m-Xylene	6.3900E+007	6.4028E+007	0.2%	ND	0.1
o-Xylene	2.9367E+007	2.9426E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	1.2	1.2	0.0%	0 - 30%	0.9
Toluene	6.5	6.7	3.1%	0 - 30%	1.0
Ethylbenzene	2.5	2.6	4.0%	0 - 30%	1.0
p,m-Xylene	7.4	7.7	4.1%	0 - 30%	1.2
o-Xylene	4.1	3.9	4.9%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.2	50.0	50.2	98.0%	39 - 150
Toluene	6.5	50.0	51.5	91.2%	46 - 148
Ethylbenzene	2.5	50.0	50.5	96.2%	32 - 160
p,m-Xylene	7.4	100	99.4	92.6%	46 - 148
o-Xylene	4.1	50.0	51.1	94.5%	46 - 148

ND - Parameter not detected at the stated detection limit.

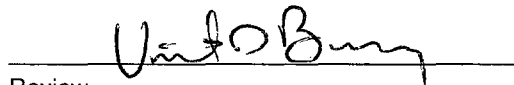
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 47673 - 47674, 47687, 47692 - 47695, 47697, 47699, and 47701.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec: 27 5 pt Composite	Date Reported:	10-25-08
Lab ID#:	47673	Date Sampled:	10-08-08
Sample Matrix:	Soil	Date Received:	10-08-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5535

Parameter

Concentration (mg/Kg)

Total Chloride

35.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec: 63 5 pt Composite	Date Reported:	10-25-08
Lab ID#:	47674	Date Sampled:	10-08-08
Sample Matrix:	Soil	Date Received:	10-08-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5535

Parameter	Concentration (mg/Kg)
-----------	-----------------------

Total Chloride

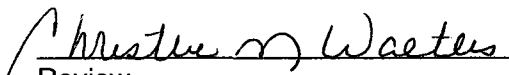
25.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: **Landfarm.**



Analyst



Review

CHAIN OF CUSTODY RECORD

5535

Client:		Project Name / Location:				ANALYSIS / PARAMETERS												
ENVIROTECH		LAUDFARM																
Client Address:		Sampler Name:																
Client Phone No.:		Client No.:																
		03037-0006																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative H ₂ O ₂ , HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
5 pt composite sec: 63	10/8/08	12:23 pm	47673	Soil	(1) 4oz		X	X								X	✓	✓
5 pt composite	11:46 am	47674	Soil	Sludge Aqueous	(1) 4oz		X	X								X	✓	✓
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
				Soil	Sludge Aqueous													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)												
10/5/08		4:30 pm																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)												
10/8/08		4:20 pm																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)												

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 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:	Sec 44 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47726	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
Condition:	Intact	Analysis Requested:	8015 TPH

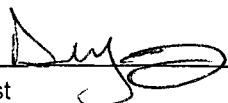
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

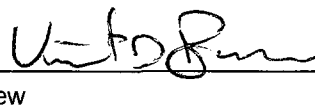
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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:	Sec 36 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47727	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
Condition:	Intact	Analysis Requested:	8015 TPH

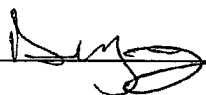
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

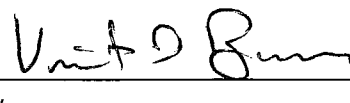
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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:	Sec 42 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47728	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
Condition:	Intact	Analysis Requested:	8015 TPH

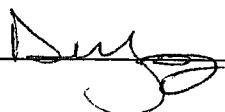
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

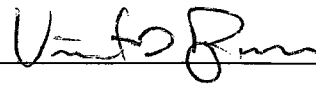
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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:	Sec 37 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47729	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
Condition:	Intact	Analysis Requested:	8015 TPH

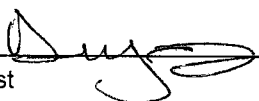
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

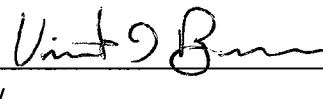
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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:	Sec 46 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47730	Date Sampled:	10-13-08
Chain of Custody No:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Extracted:	10-17-08
Preservative:	Cool	Date Analyzed:	10-20-08
Condition:	Intact	Analysis Requested:	8015 TPH

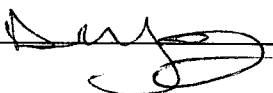
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	53.5	0.1
Total Petroleum Hydrocarbons	53.5	0.2

ND - Parameter not detected at the stated detection limit.

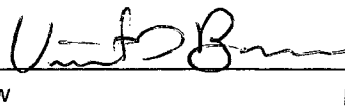
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-20-08 QA/QC	Date Reported:	10-24-08
Laboratory Number:	47723	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-20-08
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	1.0158E+003	1.0162E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0207E+003	1.0211E+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%

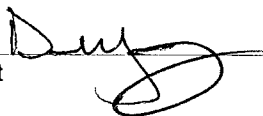
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	248	99.2%	75 - 125%
Diesel Range C10 - C28	ND	250	253	101%	75 - 125%

ND - Parameter not detected at the stated detection limit.

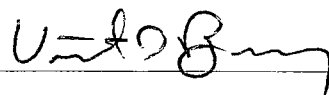
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47723 - 47724 and 47726 - 47730.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Sec 44 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47726	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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	Project #:	
Sample ID:	Sec 36 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47727	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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.

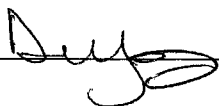
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

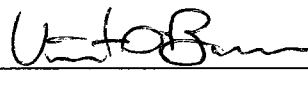
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm 2 Unit 5 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Sec 42 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47728	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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.

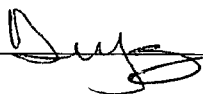
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

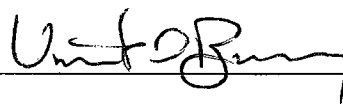
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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	Project #:	
Sample ID:	Sec 37 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47729	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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	Project #:	
Sample ID:	Sec 46 5pt Composite	Date Reported:	10-24-08
Laboratory Number:	47730	Date Sampled:	10-13-08
Chain of Custody:	5545	Date Received:	10-13-08
Sample Matrix:	Soil	Date Analyzed:	10-20-08
Preservative:	Cool	Date Extracted:	10-17-08
Condition:	Intact	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.

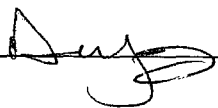
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

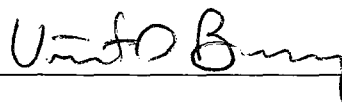
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm 2 Unit 5 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-20-BT QA/QC	Date Reported:	10-24-08
Laboratory Number:	47723	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-20-08
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	5.2635E+007	5.2741E+007	0.2%	ND	0.1
Toluene	3.8927E+007	3.9005E+007	0.2%	ND	0.1
Ethylbenzene	2.9843E+007	2.9902E+007	0.2%	ND	0.1
p,m-Xylene	6.3433E+007	6.3560E+007	0.2%	ND	0.1
o-Xylene	2.8672E+007	2.8729E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	11.1	11.3	1.8%	0 - 30%	0.9
Toluene	22.8	23.0	0.9%	0 - 30%	1.0
Ethylbenzene	26.8	26.9	0.4%	0 - 30%	1.0
p,m-Xylene	102	104	1.8%	0 - 30%	1.2
o-Xylene	33.0	32.7	0.9%	0 - 30%	0.9

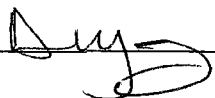
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	11.1	50.0	60.1	98.4%	39 - 150
Toluene	22.8	50.0	67.8	93.1%	46 - 148
Ethylbenzene	26.8	50.0	74.7	97.3%	32 - 160
p,m-Xylene	102	100	194	95.9%	46 - 148
o-Xylene	33.0	50.0	79.9	96.3%	46 - 148

ND - Parameter not detected at the stated detection limit.

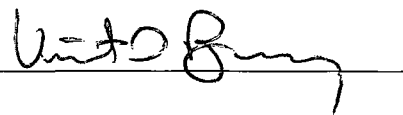
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 47723 - 47730.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 44 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47726	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

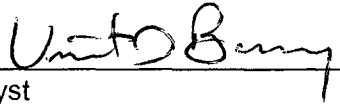
Parameter	Concentration (mg/Kg)
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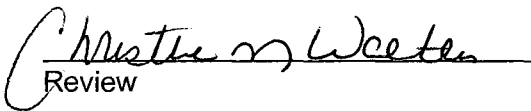
Total Chloride

65.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 36 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47727	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

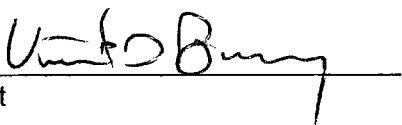
Parameter	Concentration (mg/Kg)
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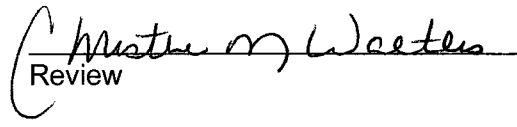
Total Chloride

30.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 42 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47728	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

Parameter

Concentration (mg/Kg)

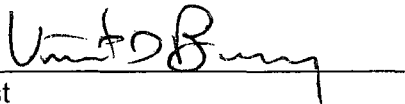
Total Chloride

10.0

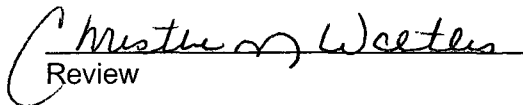
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm 2 Unit 5 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 37 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47729	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

Parameter	Concentration (mg/Kg)
-----------	-----------------------

Total Chloride

40.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

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

UntoBmy
Analyst

Christine M. Wailes
Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	Sec 46 5pt Composite	Date Reported:	10-25-08
Lab ID#:	47730	Date Sampled:	10-13-08
Sample Matrix:	Soil	Date Received:	10-13-08
Preservative:	Cool	Date Analyzed:	10-17-08
Condition:	Intact	Chain of Custody:	5545

Parameter

Concentration (mg/Kg)

Total Chloride

25.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Method For The Examination of Water and Waste Water", 18th ed., 1992.

Comments: Landfarm 2 Unit 5 Closure Samples.

Unit 5 Bmg
Analyst

Christine M. Webster
Review

CHAIN OF CUSTODY RECORD

5545

Client:		Project Name / Location:		Unit 5		ANALYSIS / PARAMETERS												
Client Address:		Sampler Name:		LABORATORY 2-45		Close Samples												
Client Phone No.:		Client No.:		03037-0002														
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
5 PT COMPOSITE SEC 44	10/13/18	8:58 AM	47724	Soil Sludge Aqueous	(1) 402	X	X	X								X	✓	✓
5 PT COMPOSITE SEC 30	1	10:02 AM	47727	Soil Sludge Aqueous	(1) 402	X	X	X								X	✓	✓
5 PT COMPOSITE SEC 42	1	11:02 AM	47728	Soil Sludge Aqueous	(1) 402	X	X	X								X	✓	✓
5 PT COMPOSITE SEC 37	1	9:38 AM	47729	Soil Sludge Aqueous	(1) 402	X	X	X								X	✓	✓
5 PT COMPOSITE SEC 40	1	11:58 AM	47730	Soil Sludge Aqueous	(1) 402	X	X	X								X	✓	✓
Close Samples																		
Relinquished by: (Signature)				Date	Time	Received by: (Signature)												
Relinquished by: (Signature)				10/13/18	1:05 PM	Kimball A. G. Shi												
Relinquished by: (Signature)						Received by: (Signature)												
Relinquished by: (Signature)						Received by: (Signature)												

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Monday, October 20, 2008 9:52 AM
To: 'April Pohl'
Subject: RE: Reminder
Attachments: Second lift approval 10-20-08.pdf

April,

Thanks for the reminder... I put together the approval letter first thing this morning, but have not had a chance to email you. a copy.

The attached document is OCD's response to Envirotech's request to apply an additional lift at Landfarm #2 (Permit NM-1-011). A hardcopy has been placed in the mail. If you have any questions regarding this matter, please do not hesitate to contact me

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: April Pohl [mailto:apohl@envirotech-inc.com]
Sent: Monday, October 20, 2008 8:47 AM
To: Jones, Brad A., EMNRD
Subject: Reminder

Mr. Jones: Please – if you could - take the time to review our added closure and lift request. This is the material I inadvertently omitted from our last request.

Thanks,

April E Pohl
Landfarm Administrator
Envirotech Inc
505-632-0615 office
505-632-1865 fax
505-320-6431 cell

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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



October 20, 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-1-0011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico**

Dear Mr. Young:

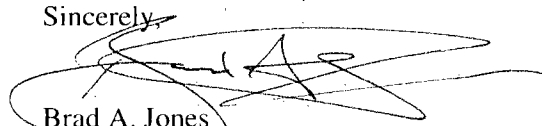
The New Mexico Oil Conservation Division (OCD) has reviewed Envirotech, Inc.'s (Envirotech) request, dated October 7, 2008 and the additional analytical results provided in the October 13, 2008 email, to apply an additional (second) six-inch lift to the following cells: Cells 22 and 25 (as identified on the site map attached to the October 7, 2008 request).

Based upon the analytical results provided, landfarm Cells 22 and 25 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.

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



ENVIROTECH, INC.

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Brad Jones	April E Pohl
COMPANY#:	DATE:
NMOCD	10/13/2008
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
505-476-3462	11 with cover
PHONE NUMBER:	RE:
	Certificate of Waste

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☒ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Mr. Jones:

Please find attached the remainder of lab work for cells 22 and 25. I apologize for not attaching it to the first letter. I also included a copy of the letter we sent with the first application request.

If you have any questions please feel free to call the cell phone listed below.

Your quick response is greatly appreciated.

April E Pohl

Land Farm Administrator

505-320-6431

Fax 632-1865

5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 / FAX: (505) 632-1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

October 7, 2008

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

RE: ENVIROTECH'S LANDFARM #2 CLOSURE AND SECOND LIFT FOR CELLS 21, 22, 23 AND 25

Dear Mr. Price and Mr. Jones:

Attached please find analytical documentation supporting our request for closure at Envirotech's Land Farm #2, for cells 21, 22, 23 and 25 located near Hilltop, New Mexico. The area being submitted is shown on the attached map, marked by blue crosshatch design.

As per Envirotech's OCD Rule 711 Permit Approval NM 01-0011 dated April 8, 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.

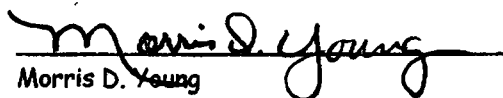
The blue cells (21, 22, 23 and 25) have passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene and total xylenes (see attached laboratory results). Envirotech hereby requests these cells be granted closure and approval to apply a second lift of qualifying material to these cells.

Due to the unusually large amounts 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.

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

Respectfully submitted,
Envirotech, Inc.


April E. Pohl
Land Farm Administrator
apohl@envirotech-inc.com


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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 22
Laboratory Number: 47286
Chain of Custody No: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-23-08
Date Analyzed: 09-24-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	49.0	0.1
Total Petroleum Hydrocarbons	49.0	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 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: 25
Laboratory Number: 47287
Chain of Custody No: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-23-08
Date Analyzed: 09-24-08
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 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:	09-24-08 QA/QC	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-08
Condition:	N/A	Analysis Requested:	TPH

	Lab Date	Lab Conc	Client Conc	Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1.0069E+003	1.0073E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0052E+003	1.0056E+003	0.04%	0 - 15%

Blank Conc (mg/L or mg/Kg)	Conc. in Blank	Detect. Lim.
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Dilution Conc (mg/Kg)	Sample	Dilution	Dilution Factor	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	328	326	0.6%	0 - 30%

Spk Conc (mg/Kg)	Sample	Spk Added	Spk Result	Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	328	250	573	99.1%	75 - 125%

ND - Parameter not detected at the stated detection limit.

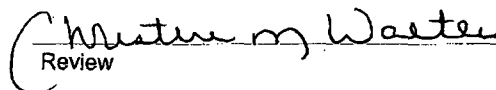
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47284 - 47288, 47302, 47303, 47307, and 47308.

Analyst



Review



ENVIROTECH LABS

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

Client:	Envirotech	Project #:	
Sample ID:	22	Date Reported:	09-29-08
Laboratory Number:	47286	Date Sampled:	09-17-08
Chain of Custody:	5296	Date Received:	09-17-08
Sample Matrix:	Soil	Date Analyzed:	09-24-08
Preservative:	Cool	Date Extracted:	09-23-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.6	0.9
Toluene	59.1	1.0
Ethylbenzene	2.9	1.0
p,m-Xylene	388	1.2
o-Xylene	118	0.9
Total BTEX	574	

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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

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

Client:	Envirotech	Project #:	
Sample ID:	25	Date Reported:	09-29-08
Laboratory Number:	47287	Date Sampled:	09-17-08
Chain of Custody:	5296	Date Received:	09-17-08
Sample Matrix:	Soil	Date Analyzed:	09-24-08
Preservative:	Cool	Date Extracted:	09-23-08
Condition:	Intact	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.

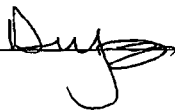
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

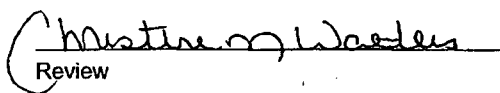
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 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:	09-24-BT QA/QC	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	Sample	Calculated	%Diff	Blank	Detect
		Accept Range	0 - 12%	5000	1000
Benzene	6.5439E+007	6.5571E+007	0.2%	ND	0.1
Toluene	5.0487E+007	5.0588E+007	0.2%	ND	0.1
Ethylbenzene	3.9897E+007	3.9977E+007	0.2%	ND	0.1
p,m-Xylene	8.3713E+007	8.3881E+007	0.2%	ND	0.1
o-Xylene	3.9345E+007	3.9424E+007	0.2%	ND	0.1

Sample Conc. (ug/kg)	Sample	Calculated	%Diff	Accept Range	Detect Limit
Benzene	2.2	2.2	0.0%	0 - 30%	0.9
Toluene	3.2	3.1	3.1%	0 - 30%	1.0
Ethylbenzene	2.1	2.2	4.8%	0 - 30%	1.0
p,m-Xylene	4.5	4.7	4.4%	0 - 30%	1.2
o-Xylene	1.8	2.0	11.1%	0 - 30%	0.9

Sample Conc. (ug/kg)	Sample	Aromatic Spiked	Spiked Sample	Recovery	Accept Range
Benzene	2.2	50.0	53.2	102%	39 - 150
Toluene	3.2	50.0	47.2	88.7%	46 - 148
Ethylbenzene	2.1	50.0	49.1	94.2%	32 - 160
p,m-Xylene	4.5	100	102	97.1%	46 - 148
o-Xylene	1.8	50.0	49.8	96.1%	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.

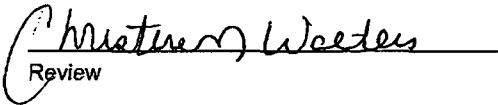
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 47284 - 47289, 47302, 47303, 47307, and 47308.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

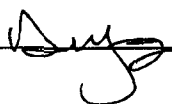
Client:	Envirotech	Project #:	03037-0006
Sample ID:	22	Date Reported:	09-26-08
Lab ID#:	47286	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
Total Chloride	56.0

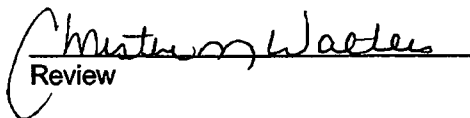
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	25	Date Reported:	09-26-08
Lab ID#:	47287	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
Total Chloride	46.0

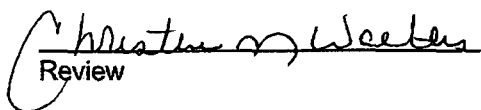
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



5296

[illegible]

TRANSACTION REPORT

P. 01

OCT-13-2008 MON 04:03 PM

FOR:

RECEIVE

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
OCT-13	04:00 PM	1111	2'55"	11	RECEIVE	OK		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

2008 OCT 15 PM 3 34

October 7, 2008

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

RE: ENVIROTECH'S LANDFARM #2 CLOSURE AND SECOND LIFT FOR CELLS 21, 22, 23 AND 25

Dear Mr. Price and Mr. Jones:

Attached please find analytical documentation supporting our request for closure at Envirotech's Land Farm #2, for cells 21, 22, 23 and 25 located near Hilltop, New Mexico. The area being submitted is shown on the attached map, marked by blue crosshatch design.

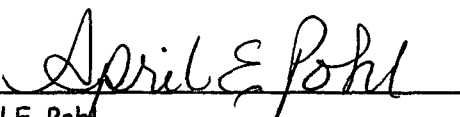
As per Envirotech's OCD Rule 711 Permit Approval NM 01-0011 dated April 8, 2000 all cells being requested for closure have passed laboratory analysis of less than 100 ppm TPH, 50 ppm BTEX and 10 ppm Benzene. In addition, Envirotech has sampled for chlorides. As stated in the treatment zone monitoring portion of Envirotech's permit, no cell sampled was larger than five acres. Samples were collected as a five-point composite.

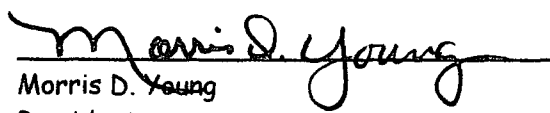
The blue cells (21, 22, 23 and 25) have passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene and total xylenes (see attached laboratory results). Envirotech hereby requests these cells be granted closure and approval to apply a second lift of qualifying material to these cells.

Due to the unusually large amounts 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.

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

Respectfully submitted,
Envirotech, Inc.


April E. Pohl
Land Farm Administrator
apohl@envirotech-inc.com


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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 22
Laboratory Number: 47286
Chain of Custody No: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-23-08
Date Analyzed: 09-24-08
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	49.0	0.1
Total Petroleum Hydrocarbons	49.0	0.2

ND - Parameter not detected at the stated detection limit.

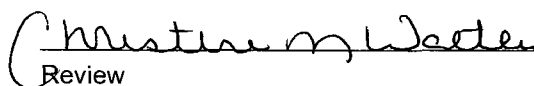
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm #2 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:	25	Date Reported:	09-29-08
Laboratory Number:	47287	Date Sampled:	09-17-08
Chain of Custody No:	5296	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-23-08
Preservative:	Cool	Date Analyzed:	09-24-08
Condition:	Intact	Analysis Requested:	8015 TPH

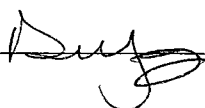
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

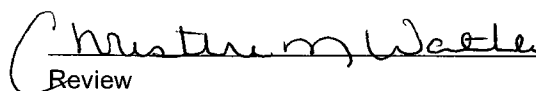
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm #2 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:	09-24-08 QA/QC	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-08
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	1.0069E+003	1.0073E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0052E+003	1.0056E+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	328	326	0.6%	0 - 30%

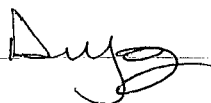
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	328	250	573	99.1%	75 - 125%

ND - Parameter not detected at the stated detection limit.

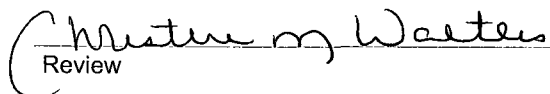
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47284 - 47288, 47302, 47303, 47307, and 47308.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 22
Laboratory Number: 47286
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	5.6	0.9
Toluene	59.1	1.0
Ethylbenzene	2.9	1.0
p,m-Xylene	388	1.2
o-Xylene	118	0.9
Total BTEX	574	

ND - Parameter not detected at the stated detection limit.

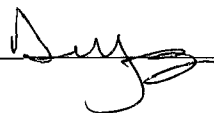
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

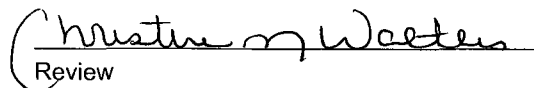
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 25
Laboratory Number: 47287
Chain of Custody: 5296
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-29-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-24-08
Date Extracted: 09-23-08
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 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:	09-24-BT QA/QC	Date Reported:	09-29-08
Laboratory Number:	47284	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-08
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	6.5439E+007	6.5571E+007	0.2%	ND	0.1
Toluene	5.0487E+007	5.0588E+007	0.2%	ND	0.1
Ethylbenzene	3.9897E+007	3.9977E+007	0.2%	ND	0.1
p,m-Xylene	8.3713E+007	8.3881E+007	0.2%	ND	0.1
o-Xylene	3.9345E+007	3.9424E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	2.2	2.2	0.0%	0 - 30%	0.9
Toluene	3.2	3.1	3.1%	0 - 30%	1.0
Ethylbenzene	2.1	2.2	4.8%	0 - 30%	1.0
p,m-Xylene	4.5	4.7	4.4%	0 - 30%	1.2
o-Xylene	1.8	2.0	11.1%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.2	50.0	53.2	102%	39 - 150
Toluene	3.2	50.0	47.2	88.7%	46 - 148
Ethylbenzene	2.1	50.0	49.1	94.2%	32 - 160
p,m-Xylene	4.5	100	102	97.1%	46 - 148
o-Xylene	1.8	50.0	49.8	96.1%	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 47284 - 47289, 47302, 47303, 47307, and 47308.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	22	Date Reported:	09-26-08
Lab ID#:	47286	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
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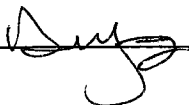
Total Chloride

56.0

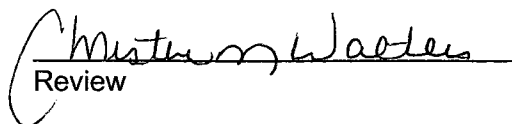
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	03037-0006
Sample ID:	25	Date Reported:	09-26-08
Lab ID#:	47287	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5296

Parameter	Concentration (mg/Kg)
-----------	-----------------------

Total Chloride

46.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst

Review

CHAIN OF CUSTODY RECORD

5296

Client: Envirotech		Project Name / Location: Landfill Closure #17 Samplers		ANALYSIS / PARAMETERS														
Client Address:		Sampler Name: Chenher																
Client Phone No.:		Client No.:																
		03037-0006																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
42	9-17	1235	47284	Soil Sludge Aqueous	1402		X	X								X		✓
44	1	1225	47285	Soil Sludge Aqueous			X	X								X		✓
22	1	1325	47286	Soil Sludge Aqueous			X	X								X		✓
25	1	1300	47287	Soil Sludge Aqueous			X	X								X		✓
36	1	1245	47288	Soil Sludge Aqueous			X	X								X		✓
				Soil Sludge Aqueous														
				Soil Sludge Aqueous														
				Soil Sludge Aqueous														
				Soil Sludge Aqueous														
				Soil Sludge Aqueous														
Relinquished by: (Signature)				Date	Time	Received by: (Signature)											Date	Time
Relinquished by: (Signature)				9-17-8	1510	Received by: (Signature)											9/17/08	1510
Relinquished by: (Signature)						Received by: (Signature)												

ENVIROTECH INC.

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Thursday, October 09, 2008 9:47 AM
To: 'April Pohl'; Price, Wayne, EMNRD
Subject: RE: Closure and lift request
Attachments: second lift approval 10-9-08.pdf

April,

Please review the attached letter closely. Your request did not include analytical results for landfarm cells 22 and 25, therefore they cannot be considered for approval.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: April Pohl [mailto:apohl@envirotech-inc.com]
Sent: Tuesday, October 07, 2008 4:07 PM
To: Price, Wayne, EMNRD; Jones, Brad A., EMNRD
Subject: Closure and lift request

Dear Sirs:

Attached is a copy of our request for closure and another lift in cells 21, 22, 23 and 25. In this scanned message, the map with the requested area is the dark area. The cell numbers are not legible but I am also sending this by fax and a hard copy went out today. We would appreciate a quick response in order to keep serving the Four Corners area.

Thank you,

April E Pohl
Landfarm Administrator
Envirotech Inc
505-632-0615 office
505-632-1865 fax
505-320-6431 cell

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10/9/2008

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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



October 9, 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-1-0011
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 October 7, 2008 and the additional analytical results, to apply an additional (second) six-inch lift to the following cells: Cells 21, 22, 23, and 25 (as identified on the attached site map).

Based upon the analytical results provided, landfarm Cells 21 and 23 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 22 and Cell 25, as requested in the October 7, 2008 submittal, for approval due to the absence of analytical data.

OCD would also like to clarify that Envirotech's OCD landfarm permit (Permit NM-1-0011) does not provide closure standards for landfarm cells. The standards identified in the October 7, 2008 request are for constituent remediation limits for the consideration of an additional lift. The additional testing of chloride is based upon the transitional provisions of 19.15.36 NMAC that states "existing surface waste management facilities shall comply with the *operational, waste acceptance and closure requirements* provided in 19.15.36 NMAC, except as otherwise specifically provided in the applicable permit or order, or in a specific waiver, exception or agreement that the division has granted in writing to the particular surface waste management facility." Condition 2.a under *Closure* of Permit NM-1-0011 specifies that "existing landfarm soils must be remediated until they meet the OCD standards in effect at the time of closure."

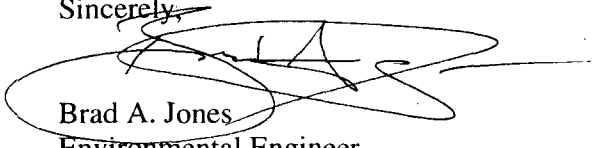


Mr. Young
Envirotech Commercial Landfarm #2
Permit NM-1-0011
October 9, 2008
Page 2

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

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



October 9, 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-1-0011
Location: NW/4 Section 6, Township 26 North, Range 10 West, NMPM
San Juan County, New Mexico**

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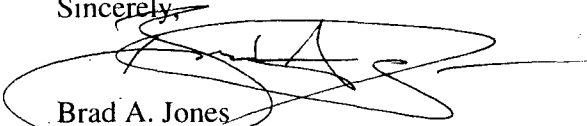


Mr. Young
Envirotech Commercial Landfarm #2
Permit NM-1-0011
October 9, 2008
Page 2

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

Jones, Brad A., EMNRD

From: April Pohl [apohl@envirotech-inc.com]
Sent: Tuesday, October 07, 2008 4:07 PM
To: Price, Wayne, EMNRD; Jones, Brad A., EMNRD
Subject: Closure and lift request
Attachments: DOC000.PDF

Dear Sirs:

Attached is a copy of our request for closure and another lift in cells 21, 22, 23 and 25. In this scanned message, the map with the requested area is the dark area. The cell numbers are not legible but I am also sending this by fax and a hard copy went out today. We would appreciate a quick response in order to keep serving the Four Corners area.

Thank you,

April E Pohl
Landfarm Administrator
Envirotech Inc
505-632-0615 office
505-632-1865 fax
505-320-6431 cell

CONFIDENTIALITY NOTICE: This e-mail transmission, and any documents, files for previous e-mail messages attached to it may contain information that is confidential or legally privileged. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution or use of any of the information contained in or attached to this transmission is **STRICTLY PROHIBITED**. If you have received this transmission in error, please immediately notify the sender by telephone or return e-mail and delete the original transmission and its attachments without reading or saving in any manner. Thank you

This inbound email has been scanned by the MessageLabs Email Security System.

10/9/2008

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

October 7, 2008

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

RE: ENVIROTECH'S LANDFARM #2 CLOSURE AND SECOND LIFT FOR CELLS 21, 22, 23 AND 25

Dear Mr. Price and Mr. Jones:

Attached please find analytical documentation supporting our request for closure at Envirotech's Land Farm #2, for cells 21, 22, 23 and 25 located near Hilltop, New Mexico. The area being submitted is shown on the attached map, marked by blue crosshatch design.

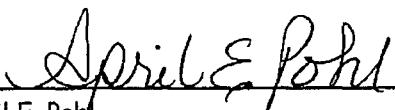
As per Envirotech's OCD Rule 711 Permit Approval NM 01-0011 dated April 8, 2000 all cells being requested for closure have passed laboratory analysis of less than 100 ppm TPH, 50 ppm BTEX and 10 ppm Benzene. In addition, Envirotech has sampled for chlorides. As stated in the treatment zone monitoring portion of Envirotech's permit, no cell sampled was larger than five acres. Samples were collected as a five-point composite.

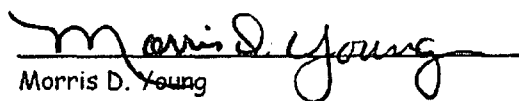
The blue cells (21, 22, 23 and 25) have passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene and total xylenes (see attached laboratory results). Envirotech hereby requests these cells be granted closure and approval to apply a second lift of qualifying material to these cells.

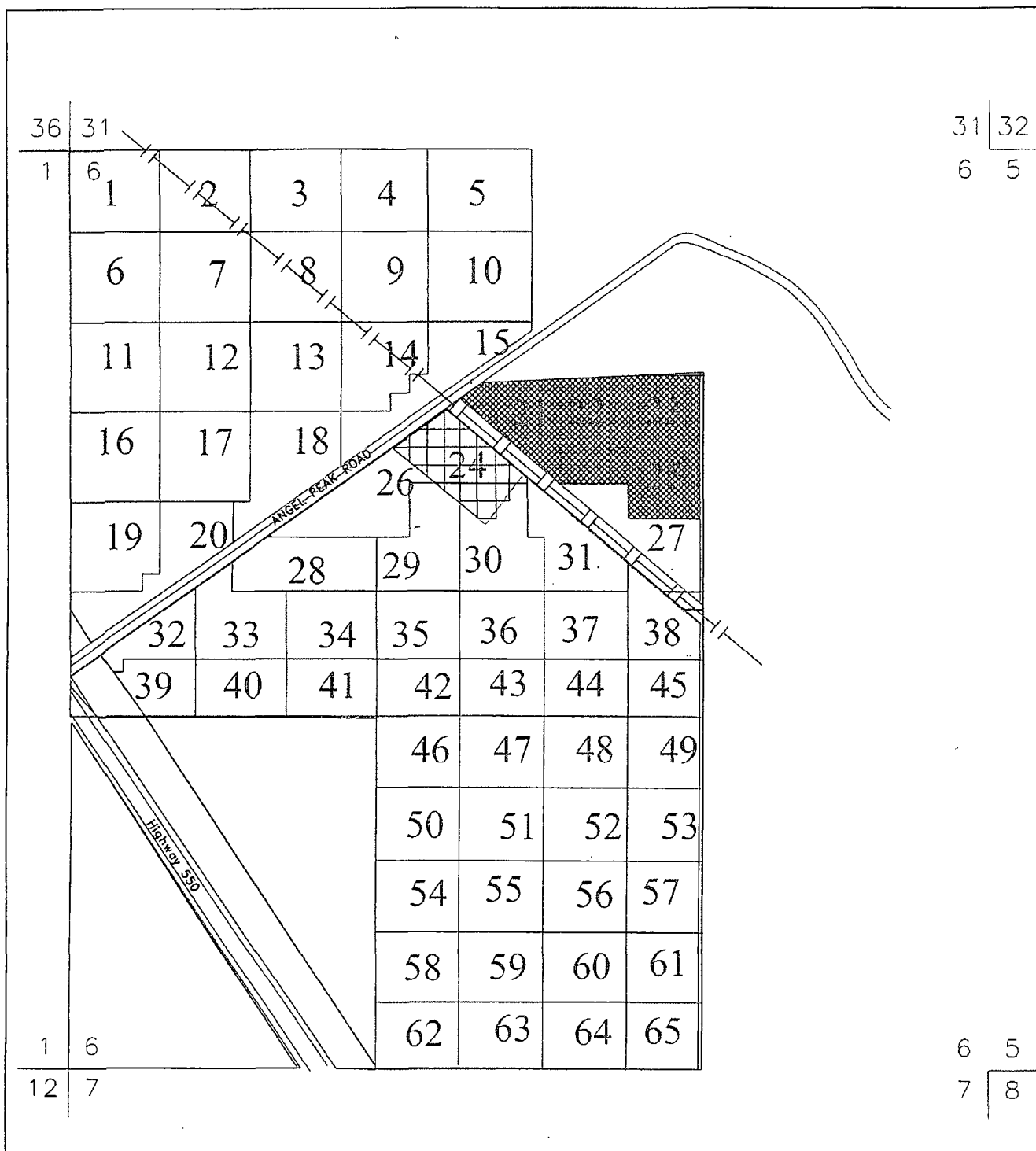
Due to the unusually large amounts of contaminated soil Envirotech has accepted recently, our Landfarm #2 is currently under limited space constraints. Therefore, Envirotech respectfully requests expedition of this matter, in order that our Landfarm #2 may continue to serve the Four Corners region without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

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

Respectfully submitted,
Envirotech, Inc.


April E. Pohl
Land Farm Administrator
apohl@envirotech-inc.com


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



As of 10-06-2008

LEGEND

- FIVE ACRE CELL BOUNDARIES
- CELLS MEET CLOSURE STANDARD
- PIPELINE

OCD LANDFARM 2 CELL GRID LAYOUT

ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
(505) 632-0615

SITE MAP

REVISIONS
BY CJC DATE 8/25/06
BY JMK DATE 10/06/08

DATE	07/12/06	DRAWN	CJC	FIGURE
SCALE	1" = 600'	APPROVED	CJC	1

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 21
Laboratory Number: 47282
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
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 Closure Sample.

Analyst

Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	23	Date Reported:	09-25-08
Laboratory Number:	47280	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	22.8	0.1
Total Petroleum Hydrocarbons	22.8	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 Closure Sample.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-23-BTEX QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	6.8337E+007	6.8473E+007	0.2%	ND	0.1
Toluene	5.2113E+007	5.2217E+007	0.2%	ND	0.1
Ethylbenzene	4.1072E+007	4.1155E+007	0.2%	ND	0.1
p,m-Xylene	8.5708E+007	8.5880E+007	0.2%	ND	0.1
o-Xylene	3.9786E+007	3.9868E+007	0.2%	ND	0.1

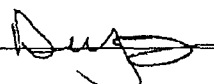
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

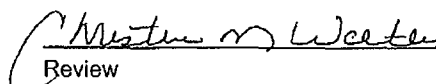
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	ND	50.0	44.0	88.0%	46 - 148
Ethylbenzene	ND	50.0	47.0	94.0%	32 - 160
p,m-Xylene	ND	100	100.0	100.0%	46 - 148
o-Xylene	ND	50.0	48.0	96.0%	46 - 148

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 47274 - 47283.

Analyst 

Review 

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 21
Laboratory Number: 47282
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 23
Laboratory Number: 47280
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-23-08 QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	1.0249E+003	1.0253E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0635E+003	1.0639E+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

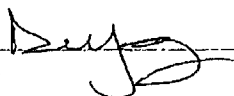
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	402	399	0.6%	0 - 30%

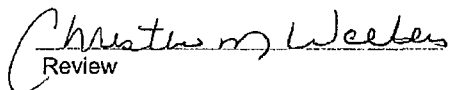
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	402	250	647	99.2%	75 - 125%

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 47274 - 47283.

Analyst 

Review 

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Lab ID#:	47282	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter

Concentration (mg/Kg)

Total Chloride

41.0

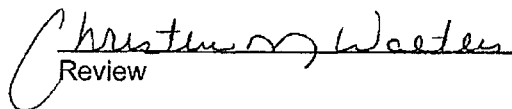
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



Chloride

Client:	Envirotech	Project #:	
Sample ID:	23	Date Reported:	09-25-08
Lab ID#:	47280	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

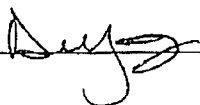
Parameter	Concentration (mg/Kg)
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Total Chloride	35.0
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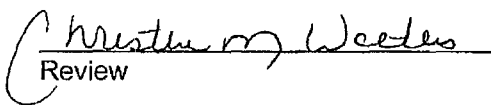
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



CHAIN OF CUSTODY RECORD

5295

Client: Envirotech		Project Name / Location: Landfill Closure Sample		ANALYSIS / PARAMETERS															
Client Address:		Sampler Name: JKirchner																	
Client Phone No.:		Client No.: 03037-0006																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative Hg, HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact	
27	9-17-08	1310	47284	Soil Aqueous	1) 4oz		X	X								X		✓	✓
31		1315	47275	Soil Aqueous			X	X								X		✓	✓
38		1255	47276	Soil Aqueous			✓	✓								X		✓	✓
30		1305	47277	Soil Aqueous			X	X								X		✓	✓
37		1250	47278	Soil Aqueous			X	X								✓		✓	✓
35		940	47279	Soil Aqueous			✓	X								✓		✓	✓
23		1320	47280	Soil Aqueous			X	✓								X		✓	✓
45		1220	47281	Soil Aqueous			X	✓								✓		✓	✓
21		1330	47282	Soil Aqueous			X	X								X		✓	✓
43		1330	47283	Soil Aqueous			X	X								✓		✓	✓
Relinquished by: (Signature)				9-17-08	1505	Received by: (Signature)				9-17-08	1505	Date				Time			
Relinquished by: (Signature)						Received by: (Signature)													
Relinquished by: (Signature)						Received by: (Signature)													

ENVIROTECH INC.

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: 21
Laboratory Number: 47282
Chain of Custody No: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Extracted: 09-22-08
Date Analyzed: 09-23-08
Analysis Requested: 8015 TPH

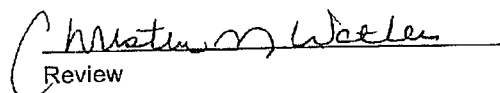
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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 Closure Sample.**


Analyst


Review

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

Client:	Envirotech	Project #:	
Sample ID:	23	Date Reported:	09-25-08
Laboratory Number:	47280	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	22.8	0.1
Total Petroleum Hydrocarbons	22.8	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 Closure Sample.**

Analyst

Review

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-23-08 QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	1.0249E+003	1.0253E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0635E+003	1.0639E+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

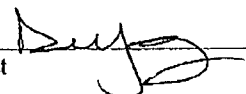
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	402	399	0.6%	0 - 30%

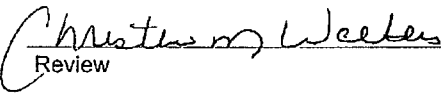
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	402	250	647	99.2%	75 - 125%

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 47274 - 47283.

Analyst 

Review 

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 23
Laboratory Number: 47280
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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.

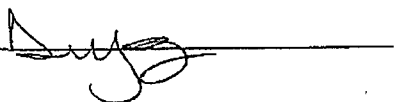
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

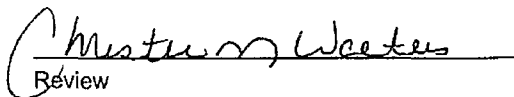
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 21
Laboratory Number: 47282
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 Closure Samples.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: N/A
Sample ID: 09-23-BTEX QA/QC
Laboratory Number: 47274
Sample Matrix: Soil
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 09-25-08
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 09-23-08
Analysis: BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.8337E+007	6.8473E+007	0.2%	ND	0.1
Toluene	5.2113E+007	5.2217E+007	0.2%	ND	0.1
Ethylbenzene	4.1072E+007	4.1155E+007	0.2%	ND	0.1
p,m-Xylene	8.5708E+007	8.5880E+007	0.2%	ND	0.1
o-Xylene	3.9786E+007	3.9866E+007	0.2%	ND	0.1

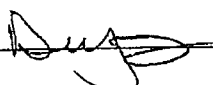
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

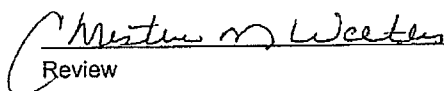
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	%Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	ND	50.0	44.0	88.0%	46 - 148
Ethylbenzene	ND	50.0	47.0	94.0%	32 - 160
p,m-Xylene	ND	100	100.0	100.0%	46 - 148
o-Xylene	ND	50.0	48.0	96.0%	46 - 148

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 47274 - 47283.

Analyst 

Review 

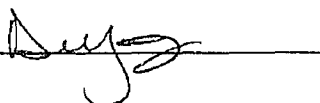
Client:	Envirotech	Project #:	
Sample ID:	23	Date Reported:	09-25-08
Lab ID#:	47280	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
Total Chloride	35.0

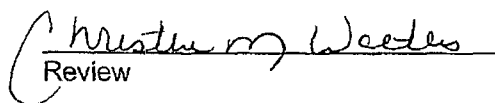
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Lab ID#:	47282	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

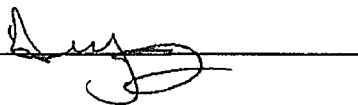
Parameter	Concentration (mg/Kg)
-----------	-----------------------

Total Chloride	41.0
----------------	------

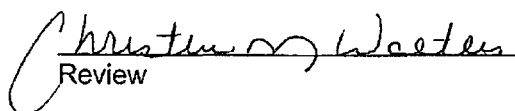
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

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

Analyst



Review



5296

ENVROTECH INC.

Jones, Brad A., EMNRD

From: April Pohl [apohl@envirotech-inc.com]
Sent: Tuesday, October 07, 2008 4:07 PM
To: Price, Wayne, EMNRD; Jones, Brad A., EMNRD
Subject: Closure and lift request
Attachments: DOC000.PDF

Dear Sirs:

Attached is a copy of our request for closure and another lift in cells 21, 22, 23 and 25. In this scanned message, the map with the requested area is the dark area. The cell numbers are not legible but I am also sending this by fax and a hard copy went out today. We would appreciate a quick response in order to keep serving the Four Corners area.

Thank you,

April E Pohl
Landfarm Administrator
Envirotech Inc
505-632-0615 office
505-632-1865 fax
505-320-6431 cell

CONFIDENTIALITY NOTICE: This e-mail transmission, and any documents, files for previous e-mail messages attached to it may contain information that is confidential or legally privileged. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution or use of any of the information contained in or attached to this transmission is **STRICTLY PROHIBITED**. If you have received this transmission in error, please immediately notify the sender by telephone or return e-mail and delete the original transmission and its attachments without reading or saving in any manner. Thank you

This inbound email has been scanned by the MessageLabs Email Security System.

10/9/2008

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

October 7, 2008

RECEIVED

2008 OCT 9 PM 1 45

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

RE: ENVIROTECH'S LANDFARM #2 CLOSURE AND SECOND LIFT FOR CELLS 21, 22, 23 AND 25

Dear Mr. Price and Mr. Jones:

Attached please find analytical documentation supporting our request for closure at Envirotech's Land Farm #2, for cells 21, 22, 23 and 25 located near Hilltop, New Mexico. The area being submitted is shown on the attached map, marked by blue crosshatch design.

As per Envirotech's OCD Rule 711 Permit Approval NM 01-0011 dated April 8, 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.

The blue cells (21, 22, 23 and 25) have passed analysis for total petroleum hydrocarbons, benzene, toluene, ethylbenzene and total xylenes (see attached laboratory results). Envirotech hereby requests these cells be granted closure and approval to apply a second lift of qualifying material to these cells.

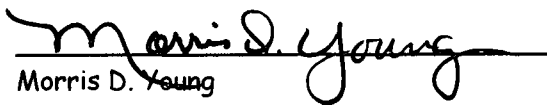
Due to the unusually large amounts of contaminated soil Envirotech has accepted recently, our Landfarm #2 is currently under limited space constraints. Therefore, Envirotech respectfully requests expedition of this matter, in order that our Landfarm #2 may continue to serve the Four Corners region without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

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

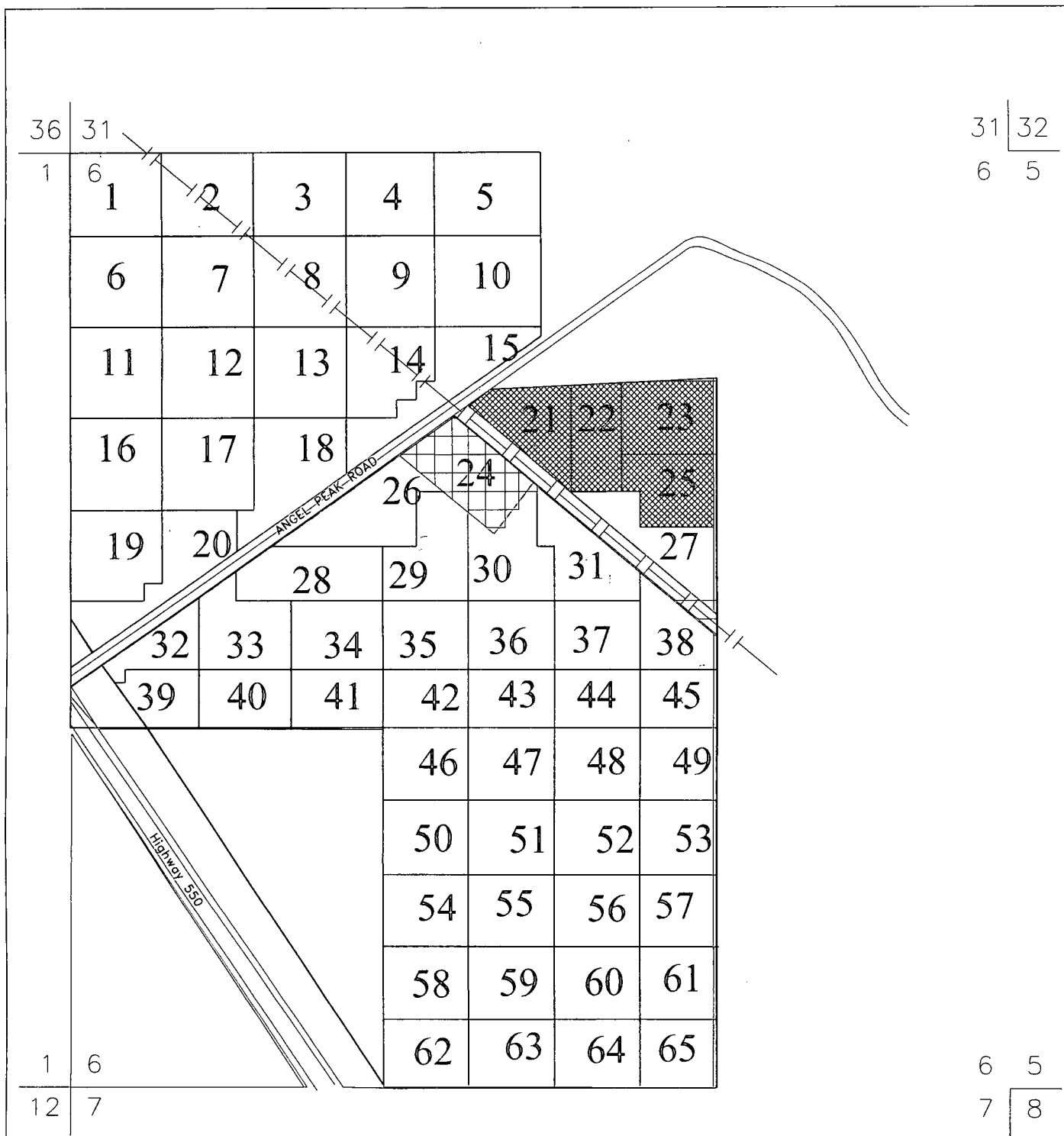
Respectfully submitted,
Envirotech, Inc.



April E. Pohl
Land Farm Administrator
apohl@envirotech-inc.com



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



As of 10-06-2008		LEGEND FIVE ACRE CELL BOUNDRIES CELLS MEET CLOSURE STANDARD PIPELINE	
OCD LANDFARM 2 CELL GRID LAYOUT		ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 FARMINGTON, NEW MEXICO 87401 (505) 632-0615	
REVISIONS BY CJC DATE 8/25/06 BY JMK DATE 10/06/08		DATE 07/12/06 SCALE 1"= 600'	DRAWN CJC APPROVED CJC FIGURE 1

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Laboratory Number:	47282	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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 Closure Sample.**

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:	23	Date Reported:	09-25-08
Laboratory Number:	47280	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	22.8	0.1
Total Petroleum Hydrocarbons	22.8	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 Closure Sample.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-23-BTEX QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	6.8337E+007	6.8473E+007	0.2%	ND	0.1
Toluene	5.2113E+007	5.2217E+007	0.2%	ND	0.1
Ethylbenzene	4.1072E+007	4.1155E+007	0.2%	ND	0.1
p,m-Xylene	8.5708E+007	8.5880E+007	0.2%	ND	0.1
o-Xylene	3.9786E+007	3.9866E+007	0.2%	ND	0.1

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

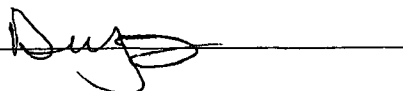
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	ND	50.0	44.0	88.0%	46 - 148
Ethylbenzene	ND	50.0	47.0	94.0%	32 - 160
p,m-Xylene	ND	100	100.0	100.0%	46 - 148
o-Xylene	ND	50.0	48.0	96.0%	46 - 148

ND - Parameter not detected at the stated detection limit.

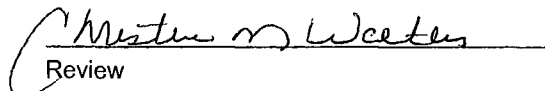
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 47274 - 47283.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 21
Laboratory Number: 47282
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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.

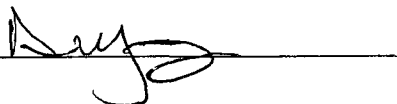
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

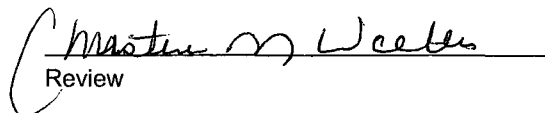
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 23
Laboratory Number: 47280
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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.

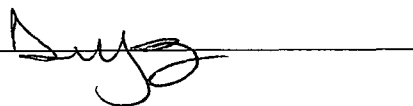
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

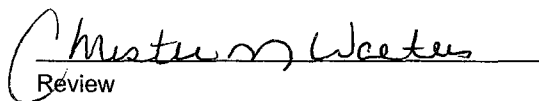
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 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:	09-23-08 QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	1.0249E+003	1.0253E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0635E+003	1.0639E+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	402	399	0.6%	0 - 30%

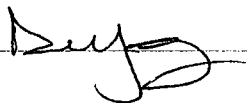
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	402	250	647	99.2%	75 - 125%

ND - Parameter not detected at the stated detection limit.

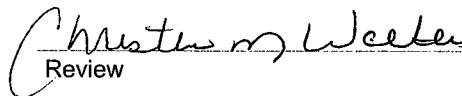
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47274 - 47283.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Lab ID#:	47282	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter

Concentration (mg/Kg)

Total Chloride

41.0

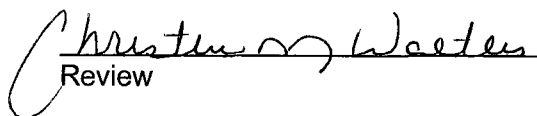
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Landfarm #2 Closure Sample.

Analyst



Review



Client:	Envirotech	Project #:	
Sample ID:	23	Date Reported:	09-25-08
Lab ID#:	47280	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter

Concentration (mg/Kg)

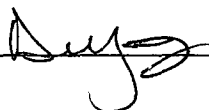
Total Chloride

35.0

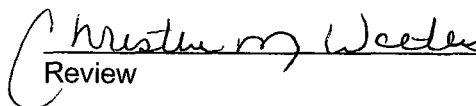
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

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

Analyst

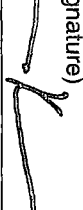


Review



CHAIN OF CUSTODY RECORD

5295

Client: Envirotech		Project Name / Location: Landraa #2 Closure Sample		ANALYSIS / PARAMETERS														
Client Address:		Sampler Name: JKirchner																
Client Phone No.:		Client No.: 03037-0006																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
27	9-17-08	1310	47284	Sludge Aqueous	(1) 4oz		X	X								X		✓
31		1315	47275	Sludge Aqueous			X	X								X		✓
38		1255	47276	Sludge Aqueous			✓	✓								X		✓
30		1305	47277	Sludge Aqueous			X	X								X		✓
37		1250	47278	Sludge Aqueous			X	X								X		✓
35		940	47279	Sludge Aqueous			✓	✓								X		✓
23		1320	47280	Sludge Aqueous			X	✓								X		✓
45		1220	47281	Sludge Aqueous			X	✓								X		✓
21		1330	47282	Sludge Aqueous			X	X								X		✓
43		1230	47283	Sludge Aqueous			X	X								X		✓
Relinquished by: (Signature) 				Date	Time	Received by: (Signature) 	Date	Time										
Relinquished by: (Signature) 				9.17.8	1505	Received by: (Signature) 	9/17/08	1505										
Relinquished by: (Signature)						Received by: (Signature)												

ENVIROTECH INC.

Relinquished by: (Signature)

Received by: (Signature)

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

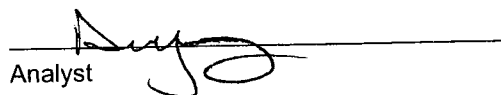
Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Laboratory Number:	47282	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Analysis Requested:	8015 TPH

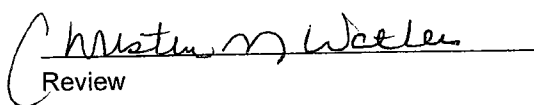
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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 Closure Sample.**


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:	23	Date Reported:	09-25-08
Laboratory Number:	47280	Date Sampled:	09-17-08
Chain of Custody No:	5295	Date Received:	09-17-08
Sample Matrix:	Soil	Date Extracted:	09-22-08
Preservative:	Cool	Date Analyzed:	09-23-08
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)	22.8	0.1
Total Petroleum Hydrocarbons	22.8	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 Closure Sample.**

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:	09-23-08 QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	1.0249E+003	1.0253E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0635E+003	1.0639E+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	402	399	0.6%	0 - 30%

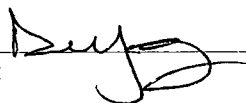
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	402	250	647	99.2%	75 - 125%

ND - Parameter not detected at the stated detection limit.

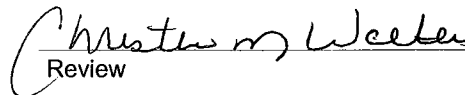
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47274 - 47283.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 23
Laboratory Number: 47280
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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.

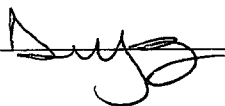
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

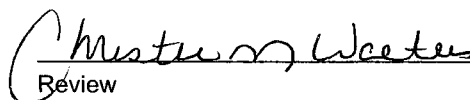
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm #2 Closure Samples.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: 21
Laboratory Number: 47282
Chain of Custody: 5295
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #:
Date Reported: 09-25-08
Date Sampled: 09-17-08
Date Received: 09-17-08
Date Analyzed: 09-23-08
Date Extracted: 09-22-08
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 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:	09-23-BTEX QA/QC	Date Reported:	09-25-08
Laboratory Number:	47274	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-08
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	6.8337E+007	6.8473E+007	0.2%	ND	0.1
Toluene	5.2113E+007	5.2217E+007	0.2%	ND	0.1
Ethylbenzene	4.1072E+007	4.1155E+007	0.2%	ND	0.1
p,m-Xylene	8.5708E+007	8.5880E+007	0.2%	ND	0.1
o-Xylene	3.9786E+007	3.9866E+007	0.2%	ND	0.1

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

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	ND	50.0	44.0	88.0%	46 - 148
Ethylbenzene	ND	50.0	47.0	94.0%	32 - 160
p,m-Xylene	ND	100	100.0	100.0%	46 - 148
o-Xylene	ND	50.0	48.0	96.0%	46 - 148

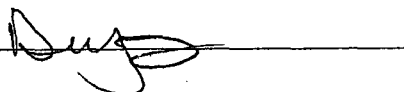
ND - Parameter not detected at the stated detection limit.

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

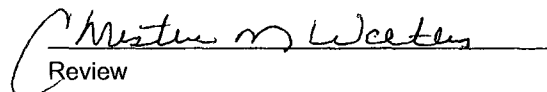
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 47274 - 47283.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	23	Date Reported:	09-25-08
Lab ID#:	47280	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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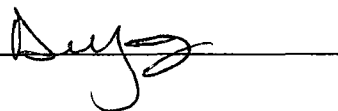
Total Chloride

35.0

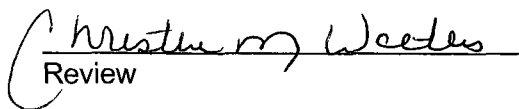
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

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

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	21	Date Reported:	09-25-08
Lab ID#:	47282	Date Sampled:	09-17-08
Sample Matrix:	Soil	Date Received:	09-17-08
Preservative:	Cool	Date Analyzed:	09-23-08
Condition:	Intact	Chain of Custody:	5295

Parameter	Concentration (mg/Kg)
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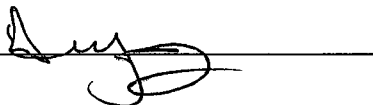
Total Chloride

41.0

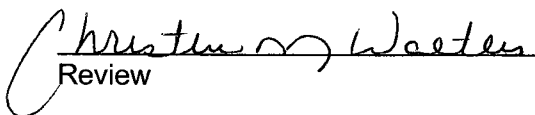
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

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

Analyst



Review



CHAIN OF CUSTODY RECORD

5296

Client: Envirotech			Project Name / Location: Landfill Closure #1			ANALYSIS / PARAMETERS												
Client Address:			Sampler Name: Chachner															
Client Phone No.:			Client No.: 03037-0006															
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
42	9-17	1235	47284	Soil Sludge Aqueous	1402		X	X								X	✓	✓
44		1225	47285	Soil Sludge Aqueous			X	X								X	✓	✓
22		1325	47286	Soil Sludge Aqueous			X	X								X	✓	✓
25		1300	47287	Soil Sludge Aqueous			X	X								X	✓	✓
36		1245	47288	Soil Sludge Aqueous			X	X								X	✓	✓
Relinquished by: (Signature)				Date	Time	Received by: (Signature)												
				9-17-8	1510													
Relinquished by: (Signature)						Received by: (Signature)												
Relinquished by: (Signature)						Received by: (Signature)												

ENVIROTECH INC.

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