

NM1-11

One of Two

REPORTS

YEAR(S):

1999

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

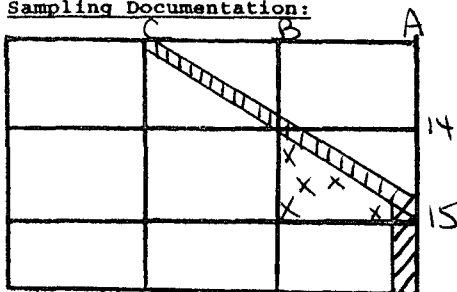
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³

Sampling Documentation:



Landfarm # 24015

Cell(s): A-14

Sample Date: 7.23.99

Sampler: KW & CT

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell A-14/F709	Pass	0.0095	0.081	ND

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Martinez J. Ruiz*
... Harlan\Form\ocddms

Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

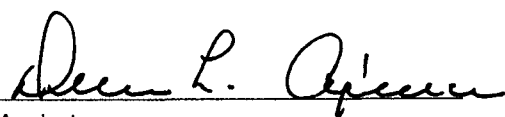
Client:	Envirotech	Project #:	102005
Sample ID:	Cell A - 14	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

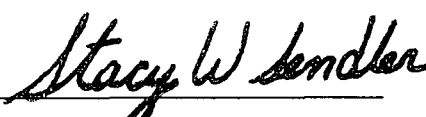
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell A - 14	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	9.5 ✓	0.9
Toluene	21.0	0.8
Ethylbenzene	8.1	0.8
p,m-Xylene	31.4	1.1
o-Xylene	11.0	0.5
Total BTEX	81.0 ✓	

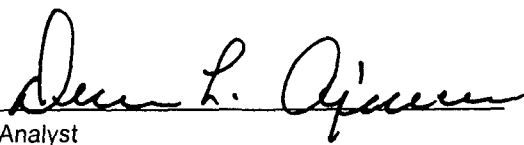
ND - Parameter not detected at the stated detection limit.

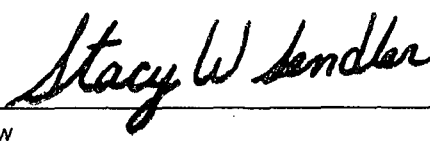
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

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.


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:	07-26-TPH QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	8.9863E-002	8.9792E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	4.9143E-002	4.9064E-002	0.16%	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%

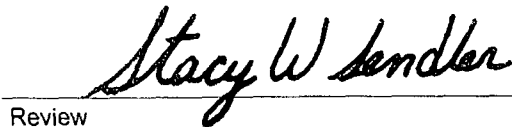
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F709 - F718.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-26-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

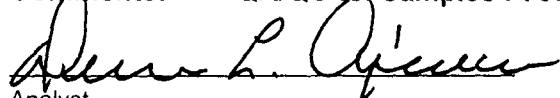
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	9.5	9.3	2.1%	0 - 30%	0.9
Toluene	21.0	20.4	2.9%	0 - 30%	0.8
Ethylbenzene	8.1	7.9	2.5%	0 - 30%	0.8
p,m-Xylene	31.4	30.6	2.5%	0 - 30%	1.1
o-Xylene	11.0	10.7	2.7%	0 - 30%	0.5

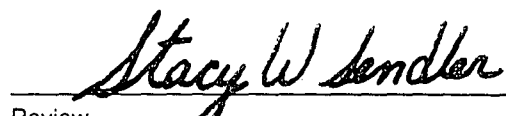
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.5	50.0	59.5	100%	39 - 150
Toluene	21.0	50.0	71.0	100%	46 - 148
Ethylbenzene	8.1	50.0	58.1	100%	32 - 160
p,m-Xylene	31.4	100.0	131	100%	46 - 148
o-Xylene	11.0	50.0	61.0	100%	46 - 148

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 F709 - F718.


Analyst


Review

CHAIN OF CUSTODY RECORD

7176

Client / Project Name			Project Location			ANALYSIS / PARAMETERS													
Envirotech			Land Farm 2 Unit 5																
Sampler: <i>ku j CT</i>			Client No. <i>9102005</i>																
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks													
Cell A-14	7.23.99	11:00	F709	Soil	8015 TPH	BTEX													
Cell A-15		11:00	F710		✓	✓													
Cell B-14		11:04	F711		✓	✓													
Cell B-15		11:05	F712		✓	✓													
Cell C-14		11:10	F713		✓	✓													
Cell C-15		11:10	F714		✓	✓													
Cell D-14		11:20	F715		✓	✓													
Cell D-15		11:20	F716		✓	✓													
Cell E-14		11:30	F717		✓	✓													
Cell E-15		11:30	F718		✓	✓													
Relinquished by: (Signature) <i>[Signature]</i>			Date	Time	Received by: (Signature) <i>[Signature]</i>			Date	Time										
Relinquished by: (Signature) <i>[Signature]</i>			7.23.99	12:45	Received by: (Signature) <i>[Signature]</i>			7.23.99	12:45										
Relinquished by: (Signature)			Received by: (Signature)																
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615																			
Sample Receipt <table border="1"> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>												Received Intact	Y	N	N/A	Cool - Ice/Blue Ice	✓		
Received Intact	Y	N	N/A																
Cool - Ice/Blue Ice	✓																		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

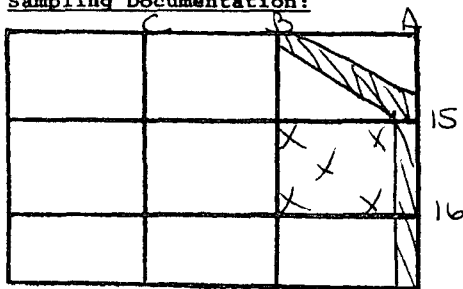
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
EPFS 96003	12.1.95	Valencia Gas Com #12	metu 87491	240
" "	12.5.95	N.E. B.W. #5A	" 89565	100
" "		Valencia Gas Com #1B	metu 75199	60

Sampling Documentation:



Landfarm # 2 Unit 5

Cell(s): A-15

Sample Date: 7.23.99

Sampler: KWCT

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell A-15/F710	Pass	0.008	0.0287	ND

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Monty...*
...Harlan/Form\ocddms

Date 9/1/00/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

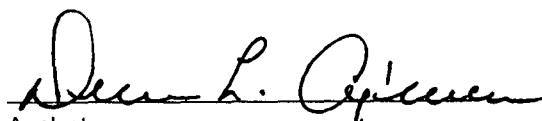
Client:	Envirotech	Project #:	102005
Sample ID:	Cell A - 15	Date Reported:	07-26-99
Laboratory Number:	F710	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis 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.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell A - 15	Date Reported:	07-26-99
Laboratory Number:	F710	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	8.0	0.9
Toluene	6.2	0.8
Ethylbenzene	ND	0.8
p,m-Xylene	4.1	1.1
o-Xylene	10.4	0.5
Total BTEX	28.7	

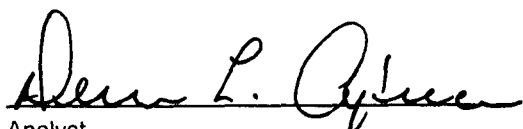
ND - Parameter not detected at the stated detection limit.

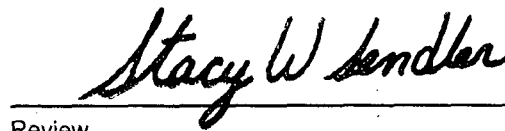
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

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.


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:	07-26-TPH QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	06-17-99	8.9863E-002	8.9792E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	4.9143E-002	4.9064E-002	0.16%	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%

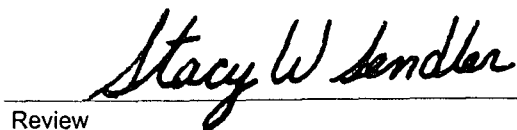
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F709 - F718.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-26-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

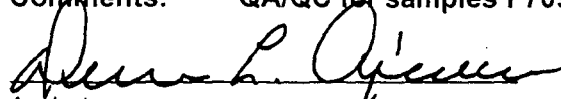
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	9.5	9.3	2.1%	0 - 30%	0.9
Toluene	21.0	20.4	2.9%	0 - 30%	0.8
Ethylbenzene	8.1	7.9	2.5%	0 - 30%	0.8
p,m-Xylene	31.4	30.6	2.5%	0 - 30%	1.1
o-Xylene	11.0	10.7	2.7%	0 - 30%	0.5

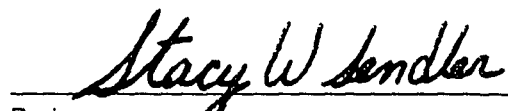
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.5	50.0	59.5	100%	39 - 150
Toluene	21.0	50.0	71.0	100%	46 - 148
Ethylbenzene	8.1	50.0	58.1	100%	32 - 160
p,m-Xylene	31.4	100.0	131	100%	46 - 148
o-Xylene	11.0	50.0	61.0	100%	46 - 148

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 F709 - F718.


Analyst


Review

CHAIN OF CUSTODY RECORD

7176

Client / Project Name		Project Location		ANALYSIS / PARAMETERS			
Envirotech		Landfarm 2 Unit 5					
Sampler: <i>Kevin C</i>		Client No. <i>9102005</i>		Remarks			
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers		
Cell A-14	7.23.99	11:00	F709	Soil	✓	8015 TPIT	BTEX
Cell A-15		11:00	F710		✓		
Cell B-14		11:04	F711		✓		
Cell B-15		11:05	F712		✓		
Cell C-14		11:10	F713		✓		
Cell C-15		11:10	F714		✓		
Cell D-14		11:20	F715		✓		
Cell D-15		11:20	F716		✓		
Cell E-14		11:30	F717		✓		
Cell E-15		11:30	F718		✓		
Relinquished by: (Signature) <i>[Signature]</i>		Date	Time	Received by: (Signature) <i>[Signature]</i>		Date	Time
		7.23.99	12:45			7.23.99	12:45
Relinquished by: (Signature)				Received by: (Signature)			
Relinquished by: (Signature)				Received by: (Signature)			

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-03	10.2.96	LAT 2C-15	LD 266 Line Drip	252
EPFS 96003-03	10.4.96	Pementa ETAL	Meter # 75155 Separator Denny P.A.	

Sampling Documentation:

	X	X	16
	X	X	17

Landfarm # 2, UNIT 5

Cell(s): G-16

Sample Date: 5/3/99

Sampler: Donald Cirilo

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-16/F098	Pass	less than .0088	.194	0.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

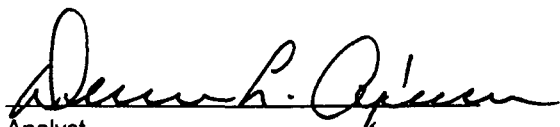
Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 16	Date Reported:	05-05-99
Laboratory Number:	F104	Date Sampled:	05-03-99
Chain of Custody No:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-05-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

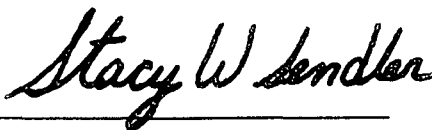
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.2	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.2	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5. 5 Pt. Composite Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 16	Date Reported:	05-05-99
Laboratory Number:	F104	Date Sampled:	05-03-99
Chain of Custody:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-05-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	17.8	8.4
Ethylbenzene	9.3	7.6
p,m-Xylene	112	10.8
o-Xylene	54.4	5.2
Total BTEX	194	

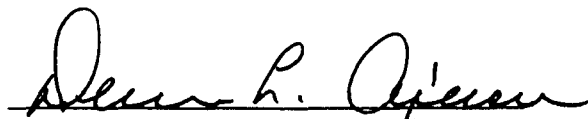
ND - Parameter not detected at the stated detection limit.

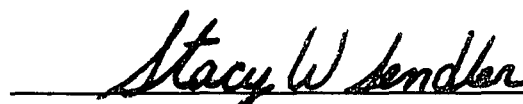
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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. 5 Pt. Composite Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-05-TPH QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

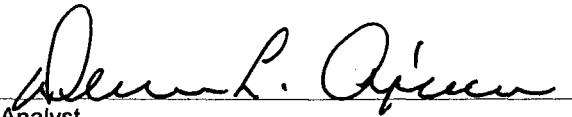
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	0.7	0.7	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	0.7	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F098 - F107.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-05-BTEX QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

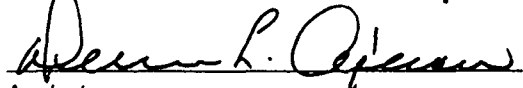
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	15.2	15.3	0.7%	0 - 30%	8.8
Toluene	16.4	16.5	0.6%	0 - 30%	8.4
Ethylbenzene	15.7	15.7	0.0%	0 - 30%	7.6
p,m-Xylene	151	151	0.0%	0 - 30%	10.8
o-Xylene	63.6	64.2	0.9%	0 - 30%	5.2

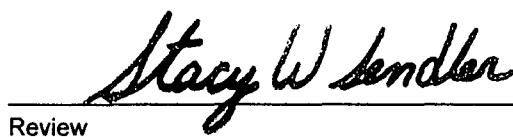
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	15.2	50.0	65.2	100%	39 - 150
Toluene	16.4	50.0	66.4	100%	46 - 148
Ethylbenzene	15.7	50.0	65.7	100%	32 - 160
p,m-Xylene	151	100.0	250	100%	46 - 148
o-Xylene	63.6	50.0	114	100%	46 - 148

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 F098 - F107.


Analyst


Review

CHAIN OF CUSTODY RECORD

6850

Client / Project Name		Project Location		ANALYSIS / PARAMETERS							
Envirotech		Landfarm 2-5 unit									
Sample: C-10: Donor		Client No. 91020-05		Remarks: 5pt. Closure Samples							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Box	108				
C-10 A-10	5-3-99	10:25	F098	Soil	1	✓	✓				
C-10 B-10		10:30	F099		1	✓	✓				
C-10 C-10		10:45	F100		1	✓	✓				
C-10 D-10		10:50	F101		1	✓	✓				
C-10 E-10		11:00	F102		1	✓	✓				
C-10 F-10		11:10	F103		1	✓	✓				
C-10 G-10		11:20	F104		1	✓	✓				
C-10 H-10		11:30	F105		1	✓	✓				
C-10 I-10		11:40	F106		1	✓	✓				
C-10 J-10		11:50	F107		1	✓	✓				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time	
Marta Llorente		5-3-99		15:10		Alvaro L. Ojeda		5-3-99		15:10	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time	

ENVIROTECH INC.

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

Sample Receipt

Y N N/A

Received Intact

Cool - Ice/Blue Ice

✓

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
- 7 1999
OIL CON. DIV.
DIST. 3

Date: 6.7.99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
No Material Recorded				

Sampling Documentation:

F	H	G	F
	X	X	17
	X	X	
	X	X	18

Landfarm # 2, UNIT 5

Cell(s): G-17

Sample Date: 5/3/99

Sampler: Donald C. Ciriello

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-17/F098	Pass	.0246	.1316	0.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/12/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 17	Date Reported:	05-16-99
Laboratory Number:	F114	Date Sampled:	05-03-99
Chain of Custody:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-16-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	24.6	8.8
Toluene	35.4	8.4
Ethylbenzene	22.8	7.6
p,m-Xylene	163	10.8
o-Xylene	69.8	5.2
Total BTEX	316	

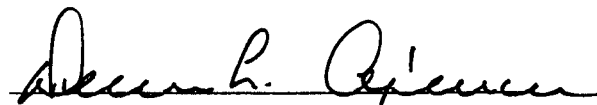
ND - Parameter not detected at the stated detection limit.

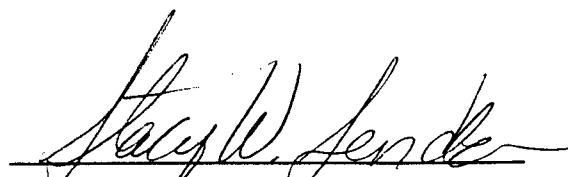
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

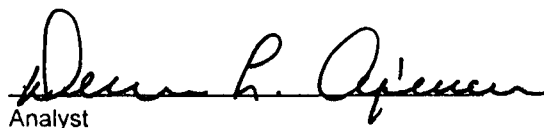
Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 17	Date Reported:	05-16-99
Laboratory Number:	F114	Date Sampled:	05-03-99
Chain of Custody No:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

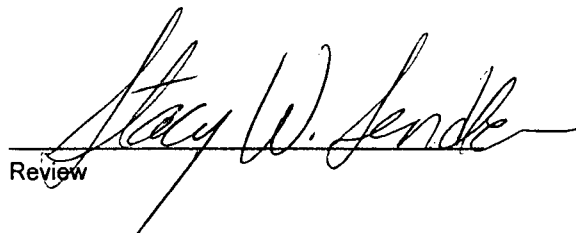
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.5	0.2

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 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-16-TPH QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	4.4525E-002	4.4401E-002	0.28%	0 - 15%
Diesel Range C10 - C28	03-15-99	4.1817E-002	4.1709E-002	0.26%	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

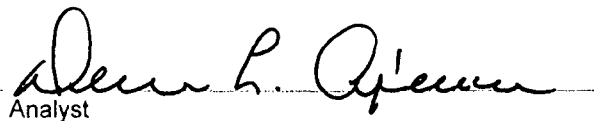
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1.4	1.4	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.4	250	251	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F108 - F117.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-16-BTEX QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
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	4.5104E-002	4.5212E-002	0.2%	ND	0.2
Toluene	2.2820E-002	2.2861E-002	0.2%	ND	0.2
Ethylbenzene	3.1405E-002	3.1471E-002	0.2%	ND	0.2
p,m-Xylene	3.1037E-002	3.1115E-002	0.3%	ND	0.2
o-Xylene	2.9125E-002	2.9175E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	35.9	35.7	0.6%	0 - 30%	8.8
Toluene	21.4	21.2	0.9%	0 - 30%	8.4
Ethylbenzene	23.2	23.0	0.9%	0 - 30%	7.6
p,m-Xylene	207	205	0.8%	0 - 30%	10.8
o-Xylene	97.0	96.8	0.2%	0 - 30%	5.2

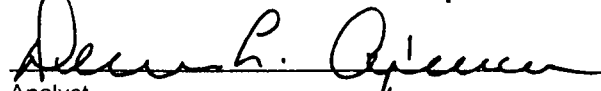
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	35.9	50.0	85.8	100%	39 - 150
Toluene	21.4	50.0	71.4	100%	46 - 148
Ethylbenzene	23.2	50.0	73.2	100%	32 - 160
p,m-Xylene	207	100.0	307	100%	46 - 148
o-Xylene	97.0	50.0	147	100%	46 - 148

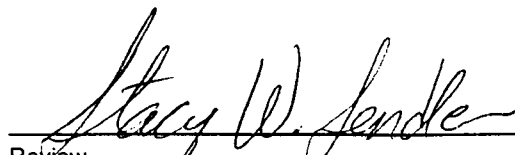
ND - Parameter not detected at the stated detection limit.

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 F108 - F117.


Analyst


Review

CHAIN OF CUSTODY RECORD

6851

Client / Project Name		Project Location		ANALYSIS / PARAMETERS										
Envirotech		Leadform 2 Units												
Sampler:		Client No.												
Cicillo Donald		91020.05												
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Box	Seal						Remarks	
Cell A-17	5:39	10:20	F108	Soil	1	✓	✓						5th Closure	
Cell B-17		10:35	F109		1	✓	✓						Samples	
Cell C-17		10:40	F110		1	✓	✓							
Cell D-17		10:55	F111		1	✓	✓							
Cell E-17		11:15	F112		1	✓	✓							
Cell F-17		11:25	F113		1	✓	✓							
Cell G-17		11:35	F114		1	✓	✓							
Cell H-17		11:45	F115		1	✓	✓							
Cell I-17		11:45	F116		1	✓	✓							
Cell J-17		11:50	F117		1	✓	✓							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time				
Christine Warden		5:39		15:15		[Signature]		5.3.99		15:15				
Relinquished by: (Signature)						Received by: (Signature)								
Relinquished by: (Signature)						Received by: (Signature)								
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615														
Sample Receipt														
												Y	N	N/A
												Received Intact		
												Cool - Ice/Blue Ice		

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date : 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OML CONL DIV
DATE 6

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-10	7.11.96	Lindrieth Plant		260

Sampling Documentation:

	H	G	F
	X	X	
	X	X	

Landfarm # 2, UNIT 5
Sample Date: 4/5/99
Type: 5 Point Composite

Cell(s): G-18
Sampler: MW
Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-18/F098	PASS	.0107	.200	1.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe Anthony King
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	G - 18	Date Reported:	04-14-99
Laboratory Number:	E971	Date Sampled:	04-05-99
Chain of Custody:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Analyzed:	04-14-99
Preservative:	Cool	Date Extracted:	04-07-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	10.7	8.8
Toluene	34.3	8.4
Ethylbenzene	20.8	7.6
p,m-Xylene	95.2	10.8
o-Xylene	39.2	5.2
Total BTEX	200	

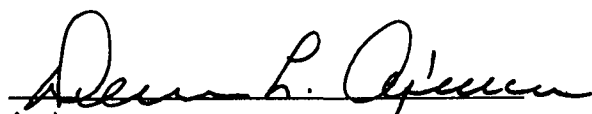
ND - Parameter not detected at the stated detection limit.

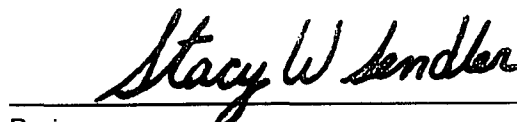
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

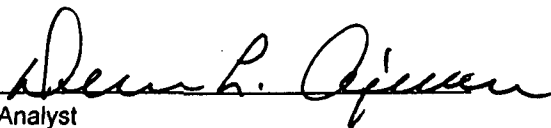
Client:	Envirotech	Project #:	102005
Sample ID:	G - 18	Date Reported:	04-14-99
Laboratory Number:	E971	Date Sampled:	04-05-99
Chain of Custody No:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Extracted:	04-07-99
Preservative:	Cool	Date Analyzed:	04-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

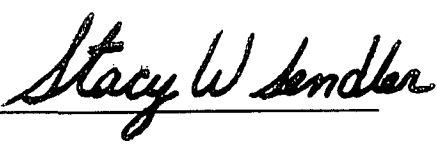
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	1.5	0.2

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-14-BTEX QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	L-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2348E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

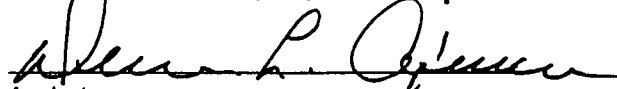
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	18.6	18.7	0.5%	0 - 30%	8.8
Toluene	64.9	65.1	0.3%	0 - 30%	8.4
Ethylbenzene	17.4	17.5	0.6%	0 - 30%	7.6
p,m-Xylene	202	203	0.5%	0 - 30%	10.8
o-Xylene	115	116	1.0%	0 - 30%	5.2

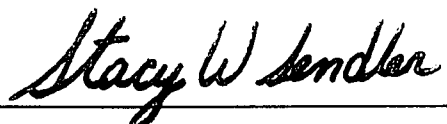
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	18.6	50.0	68.6	100%	39 - 150
Toluene	64.9	50.0	115	100%	46 - 148
Ethylbenzene	17.4	50.0	67.4	100%	32 - 160
p,m-Xylene	202	100.0	301	100%	46 - 148
o-Xylene	115	50.0	165	100%	46 - 148

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 E967 - E974.


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:	04-14-TPH QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

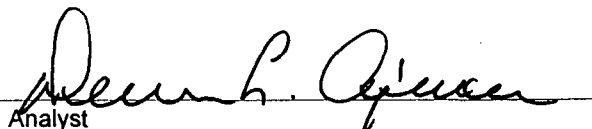
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	3.3	3.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

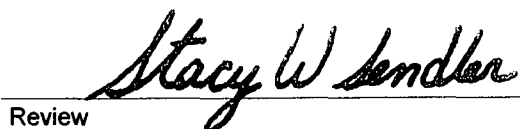
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	3.3	250	250	99%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E967 - E974.


Analyst


Review

CHAIN OF CUSTODY RECORD

6827

Client / Project Name ENVIROTECH			Project Location LAWRENCE 2 UNIT 5			ANALYSIS / PARAMETERS					
Sampler: <i>Mark O'Connell</i>			Client No. 102005			No. of Containers			Remarks		
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix		80LS TPH	BTEX				Closures Sampled
C-18	4-5-99	14:30	E967	soil	1	✓	✓				
D-18	4-5-99	14:45	E968	soil	1	✓	✓				
E-18	4-5-99	15:00	E969	soil	1	✓	✓				
F-18	4-5-99	15:30	E970	soil	1	✓	✓				
G-18	4-5-99	15:45	E971	soil	1	✓	✓				
H-18	4-5-99	16:00	E972	soil	1	✓	✓				
I-18	4-5-99	16:15	E973	soil	1	✓	✓				
J-18	4-5-99	16:30	E974	soil	1	✓	✓				
Relinquished by: (Signature) <i>Mark O'Connell</i>			Date	Time	Received by: (Signature) <i>Michael Laetere</i>	Date	Time				
Relinquished by: (Signature)					Received by: (Signature)						
Relinquished by: (Signature)					Received by: (Signature)						

ENVIROTECH INC.			
5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615			
Sample Receipt		Y	N
Received Intact		✓	
Cool - Ice/Blue Ice		✓	

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

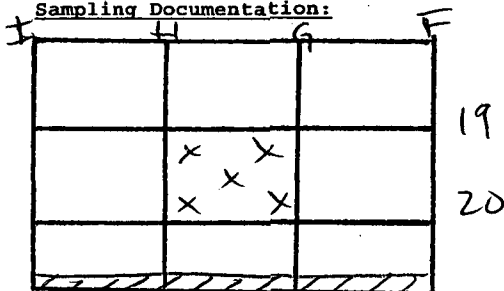
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 96033	11.2.95	K-31	LD Line Drip	252

Sampling Documentation:



Landfarm # 2, UNIT 5

Cell(s): G-19

Sample Date: 4/2/97

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-19/F098	Pass	.0297	.103	1.0

Respectfully submitted,
Envirotech Inc.

Christine M. Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Martinez J. Ruiz*

Date 11/17/99

...Harlan\form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	G - 19	Date Reported:	04-08-99
Laboratory Number:	E958	Date Sampled:	04-02-99
Chain of Custody:	8823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Analyzed:	04-08-99
Preservative:	Cool	Date Extracted:	04-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	29.7	8.8
Toluene	ND	8.4
Ethylbenzene	9.4	7.6
p,m-Xylene	35.3	10.8
o-Xylene	29.0	5.2
Total BTEX	103	

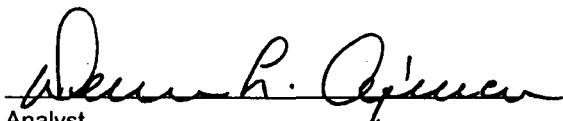
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

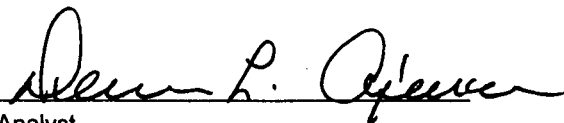
Client:	Envirotech	Project #:	102005
Sample ID:	G - 19	Date Reported:	04-08-99
Laboratory Number:	E958	Date Sampled:	04-02-99
Chain of Custody No:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Extracted:	04-05-99
Preservative:	Cool	Date Analyzed:	04-08-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.0	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	1.0	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5 Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-08-BTEX QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limit (ug/L)	Conc	Conc	% Diff	Blank Conc	Detect Limit
	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Benzene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Toluene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
Ethylbenzene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
p,m-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1
o-Xylene					

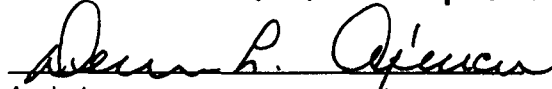
Duplicate Conc. (ug/Kg)	Sample	Duplicate	% Diff	Accept Range	Detect Limit
Benzene	22.9	23.1	0.9%	0 - 30%	8.8
Toluene	47.2	47.4	0.4%	0 - 30%	8.4
Ethylbenzene	24.5	24.7	0.8%	0 - 30%	7.6
p,m-Xylene	107	108	0.7%	0 - 30%	10.8
o-Xylene	42.7	43.2	1.2%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	22.9	50.0	72.9	100%	39 - 150
Toluene	47.2	50.0	97.2	100%	46 - 148
Ethylbenzene	24.5	50.0	74.5	100%	32 - 160
p,m-Xylene	107	100.0	207	100%	46 - 148
o-Xylene	42.7	50.0	92.7	100%	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 E949 - E958.


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:	04-08-TPH QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal Rf	C-Cal Rf	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

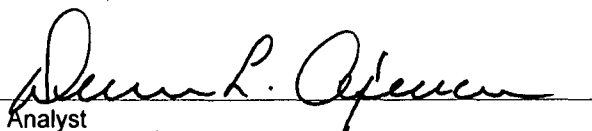
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	2.1	2.1	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

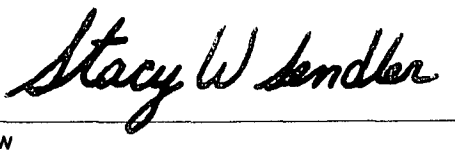
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	2.1	250	252	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E949 - E958.


Analyst


Review

CHAIN OF CUSTODY RECORD

6823

Client / Project Name ENVIROTECH			Project Location LANDFARM 2, UNIT 5			ANALYSIS / PARAMETERS					
Sampler: MARCO W. SENTER			Client No. 102005			No. of Containers			Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix							
A-18	4-2-99	15:15	E949	SOIL	1	✓	✓				
B-18	4-2-99	15:00	E950	SOIL	1	✓	✓				
A-19	4-2-99	14:45	E951	SOIL	1	✓	✓				
B-19	4-2-99	14:30	E952	SOIL	1	✓	✓				
C-19	4-2-99	14:15	E953	SOIL	1	✓	✓				
D-19	4-2-99	14:00	E954	SOIL	1	✓	✓				
E-19	4-2-99	10:45	E955	SOIL	1	✓	✓				
F-19	4-2-99	10:30	E956	SOIL	1	✓	✓				
G-19	4-2-99	10:15	E957	SOIL	1	✓	✓				
Relinquished by: (Signature) <i>Mark W. Senter</i>			Date 4-2-99	Time 17:15	Received by: (Signature) <i>Christa Blacum</i>			Date 4-2-99	Time 17:15		
Relinquished by: (Signature)						Received by: (Signature)					
Relinquished by: (Signature)						Received by: (Signature)					

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999

OIL CON. DIV.

Date: 6.7.99

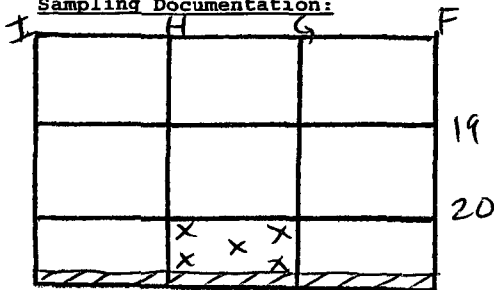
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 96033	4.2.95	K-31	LD	162
EL Paso	11.15.95	Charley Pah	Meter # 71531 Separator or Dehy. Pit	24
EDFS 96003-10	7.9.96	Smidwith Plant		280

Sampling Documentation:



Landfarm # 2, UNIT 5

Cell(s): G-20

Sample Date: 3/1/97

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-20/F098	Pass	0.0357	0.477	86.1

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Karlant\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

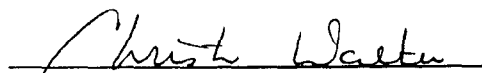
Client:	Envirotech	Project #:	102005
Sample ID:	G - 20	Date Reported:	03-10-99
Laboratory Number:	E767	Date Sampled:	03-01-99
Chain of Custody No:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

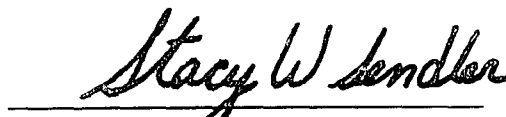
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	83.6	0.2
Diesel Range (C10 - C28)	2.5	0.1
Total Petroleum Hydrocarbons	86.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2 Unit 5. Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	G - 20	Date Reported:	03-10-99
Laboratory Number:	E767	Date Sampled:	03-01-99
Chain of Custody:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-09-99
Preservative:	Cool	Date Extracted:	03-03-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	35.7	8.8
Toluene	250	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	140	10.8
o-Xylene	51.5	5.2
Total BTEX	477	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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.

Christa Walters
Analyst

Stacy Wender
Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

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:	0309-TPH QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

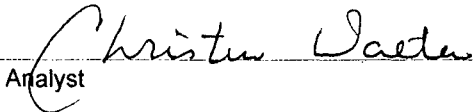
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	91.2	90.9	0.3%	0 - 30%
Diesel Range C10 - C28	8.7	8.7	0.0%	0 - 30%

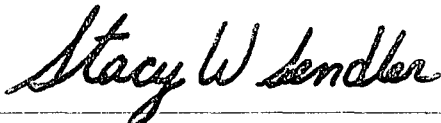
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	91.2	250	341	100%	75 - 125%
Diesel Range C10 - C28	8.7	250	258	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E761 - E770.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-09-BTEX QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	401	386	3.6%	0 - 30%	8.8
Toluene	462	443	4.1%	0 - 30%	8.4
Ethylbenzene	42.0	40.3	4.0%	0 - 30%	7.6
p,m-Xylene	324	311	3.9%	0 - 30%	10.8
o-Xylene	89.4	86.4	3.4%	0 - 30%	5.2

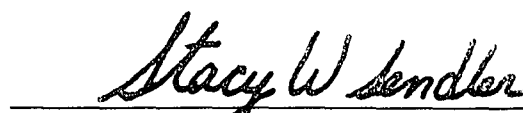
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	401	50.0	450	100%	39 - 150
Toluene	462	50.0	512	100%	46 - 148
Ethylbenzene	42.0	50.0	92.0	100%	32 - 160
p,m-Xylene	324	100.0	423	100%	46 - 148
o-Xylene	89.4	50.0	139	100%	46 - 148

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 E761 - E770.


Analyst


Review

CHAIN OF CUSTODY RECORD

6727

Client / Project Name				Project Location		ANALYSIS / PARAMETERS														
ENVIROTECH - LANDFARM 2, UNIT 5				Hilltop, N.M.																
Sampler: Maria Webster				Client No. 1020025 JWS																
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015	8021	Remarks												
A-20	3-1-99	11:00	E7161	Soil	1	✓	✓													
B-20	3-1-99	11:20	E7162	Soil	1	✓	✓													
C-20	3-1-99	11:45	E7163	Soil	1	✓	✓													
D-20	3-1-99	12:05	E7164	Soil	1	✓	✓													
E-20	3-1-99	12:25	E7165	Soil	1	✓	✓													
F-20	3-1-99	13:45	E7166	Soil	1	✓	✓													
G-20	3-1-99	14:10	E7167	Soil	1	✓	✓													
H-20	3-1-99	14:25	E7168	Soil	1	✓	✓													
I-20	3-1-99	14:55	E7169	Soil	1	✓	✓													
J-20	3-1-99	15:15	E770	Soil	1	✓	✓													
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time											
Maria Webster			3-3-99	7:15	Christine Webster			3-3-99	7:15											
Relinquished by: (Signature)																				
Relinquished by: (Signature)																				
Received by: (Signature)																				
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615											Sample Receipt <table border="1"> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>		Received Intact	Y	N	N/A	Cool - Ice/Blue Ice	✓		
Received Intact	Y	N	N/A																	
Cool - Ice/Blue Ice	✓																			

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV.
DIST. 3

Date: 6.7.99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-03	10.10.96	Largo Pig System	Drip 4-1 LD 202	288
EPFS	10.10.96	CHACO Plant	N/S contact Ponds	28

Sampling Documentation:

	X	X	
	X	X	

Landfarm # 2, UNIT 5

Cell(s): D-16

Sample Date: 5/3/99

Sampler: Donald C. Cio

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell D-16/F098	Pass	less than .0088	.241	0.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan/Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: Cell D - 16
Laboratory Number: F101
Chain of Custody No: 6850
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

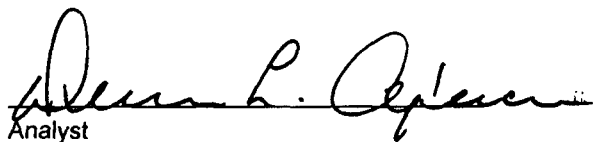
Project #: 102005
Date Reported: 05-05-99
Date Sampled: 05-03-99
Date Received: 05-03-99
Date Extracted: 05-05-99
Date Analyzed: 05-05-99
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.6	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.6 ✓	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5. 5 Pt. Composite Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 16	Date Reported:	05-05-99
Laboratory Number:	F101	Date Sampled:	05-03-99
Chain of Custody:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-05-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND ✓	8.8
Toluene	25.0	8.4
Ethylbenzene	16.5	7.6
p,m-Xylene	154	10.8
o-Xylene	45.5	5.2
Total BTEX	241 ✓	

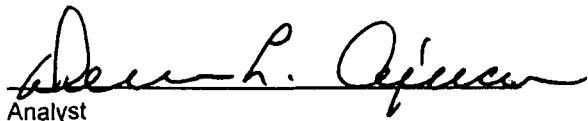
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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. 5 Pt. Composite Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-05-TPH QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

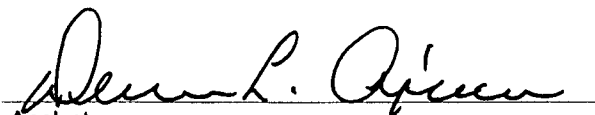
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	0.7	0.7	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	0.7	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F098 - F107.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-05-BTEX QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

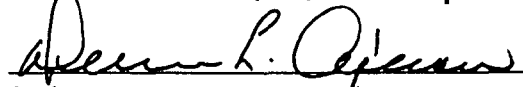
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	15.2	15.3	0.7%	0 - 30%	8.8
Toluene	16.4	16.5	0.6%	0 - 30%	8.4
Ethylbenzene	15.7	15.7	0.0%	0 - 30%	7.6
p,m-Xylene	151	151	0.0%	0 - 30%	10.8
o-Xylene	63.6	64.2	0.9%	0 - 30%	5.2

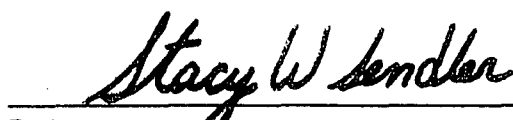
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	15.2	50.0	65.2	100%	39 - 150
Toluene	16.4	50.0	66.4	100%	46 - 148
Ethylbenzene	15.7	50.0	65.7	100%	32 - 160
p,m-Xylene	151	100.0	250	100%	46 - 148
o-Xylene	63.6	50.0	114	100%	46 - 148

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 F098 - F107.


Analyst


Review

CHAIN OF CUSTODY RECORD

6850

Client / Project Name		Project Location		ANALYSIS / PARAMETERS							
Envirotech		Landfarm 2-5 unit									
Sampler: Cinto: Don		Client No. 91020-05		No. of Containers		Box		108		Remarks	
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix							Spt. Closure Samples
Cell A-16	5-3-99	10:25	F098	Soil	1	✓	✓				
Cell B-16		10:30	F099		1	✓	✓				
Cell C-16		10:45	F100		1	✓	✓				
Cell D-16		10:50	F101		1	✓	✓				
Cell E-16		11:00	F102		1	✓	✓				
Cell F-16		11:10	F103		1	✓	✓				
Cell G-16		11:20	F104		1	✓	✓				
Cell H-16		11:30	F105		1	✓	✓				
Cell I-16		11:40	F106		1	✓	✓				
Cell J-16		11:50	F107		1	✓	✓				
Retinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time	
Minta Lloceta		5-3-99		15:10		Alvarez		5-3-99		15:10	
Retinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time	
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615											
Sample Receipt Received Intact ☒ Cool - Ice/Blue Ice ☒											

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-10	7.19.96	Lindrieth Plant		20

Sampling Documentation:

	X	X	
	X	X	

Landfarm # 2, UNITS

Cell(s): D-18

Sample Date: 4/5/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell D-18/F098	PASS	less than .0088	1822	5.4

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/17/95

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	D - 18	Date Reported:	04-14-99
Laboratory Number:	E988	Date Sampled:	04-05-99
Chain of Custody:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Analyzed:	04-14-99
Preservative:	Cool	Date Extracted:	04-07-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	47.7	8.4
Ethylbenzene	104	7.6
p,m-Xylene	469	10.8
o-Xylene	202	5.2
Total BTEX	822	

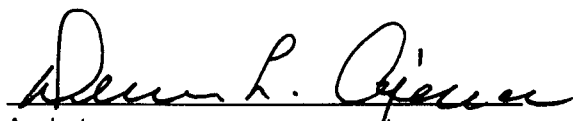
ND - Parameter not detected at the stated detection limit.

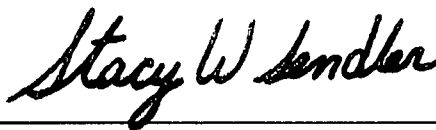
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

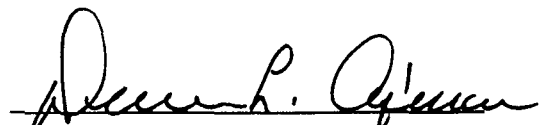
Client:	Envirotech	Project #:	102005
Sample ID:	D - 18	Date Reported:	04-14-99
Laboratory Number:	E968	Date Sampled:	04-05-99
Chain of Custody No:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Extracted:	04-07-99
Preservative:	Cool	Date Analyzed:	04-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

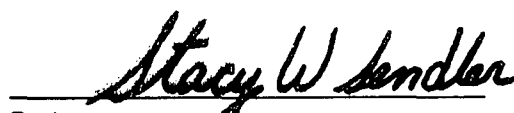
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.9	0.2
Diesel Range (C10 - C28)	0.5	0.1
Total Petroleum Hydrocarbons	5.4	0.2

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 2 Unit 5 Closure Sampling.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-14-BTEX QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	18.6	18.7	0.5%	0 - 30%	8.8
Toluene	64.9	65.1	0.3%	0 - 30%	8.4
Ethylbenzene	17.4	17.5	0.6%	0 - 30%	7.6
p,m-Xylene	202	203	0.5%	0 - 30%	10.8
o-Xylene	115	116	1.0%	0 - 30%	5.2

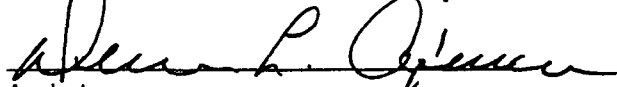
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	18.6	50.0	68.6	100%	39 - 150
Toluene	64.9	50.0	115	100%	46 - 148
Ethylbenzene	17.4	50.0	67.4	100%	32 - 160
p,m-Xylene	202	100.0	301	100%	46 - 148
o-Xylene	115	50.0	165	100%	46 - 148

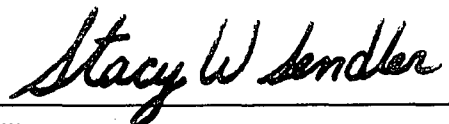
ND - Parameter not detected at the stated detection limit.

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 E967 - E974.


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:	04-14-TPH QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

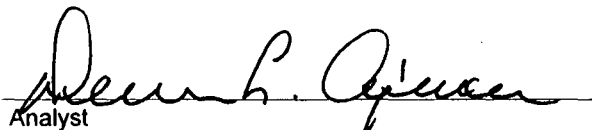
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	3.3	3.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

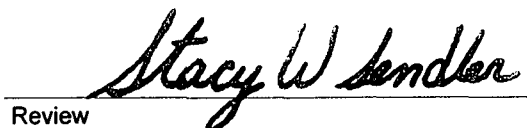
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	3.3	250	250	99%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E967 - E974.


Analyst


Review

CHAIN OF CUSTODY RECORD

6827

Client / Project Name			Project Location			ANALYSIS / PARAMETERS						
ENVIROTECH			LAVERGNE 2 UNIT 5									
Sampler: <i>MARCO SERRA</i>			Client No. 102005			Remarks Closures SAMPLED						
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					
C-18	4-5-99	14:30	E917	soil	1	✓	✓					
D-18	4-5-99	14:45	E918	soil	1	✓	✓					
E-18	4-5-99	15:00	E919	soil	1	✓	✓					
F-18	4-5-99	15:30	E910	soil	1	✓	✓					
G-18	4-5-99	15:45	E911	soil	1	✓	✓					
H-18	4-5-99	16:00	E912	soil	1	✓	✓					
I-18	4-5-99	16:15	E913	soil	1	✓	✓					
J-18	4-5-99	16:30	E914	soil	1	✓	✓					
Relinquished by: (Signature) <i>Marcello</i>			Date 4-5-99		Time 17:30		Received by: (Signature) <i>Michael Laetere</i>		Date 4-5-99		Time 17:30	
Relinquished by: (Signature)							Received by: (Signature)					
Relinquished by: (Signature)							Received by: (Signature)					

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
No Material Recorded				

Sampling Documentation:

	X	X	
		X	
	X	X	

Landfarm # 2 UNIT 5

Cell(s): D-19

Sample Date: 4/2/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell D-19/F098	Pass	.0815	1.840	2.1

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/17/95

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	D - 19	Date Reported:	04-08-99
Laboratory Number:	E954	Date Sampled:	04-02-99
Chain of Custody:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Analyzed:	04-08-99
Preservative:	Cool	Date Extracted:	04-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	81.5	8.8
Toluene	445	8.4
Ethylbenzene	143	7.6
p,m-Xylene	873	10.8
o-Xylene	302	5.2
Total BTEX	1,840	

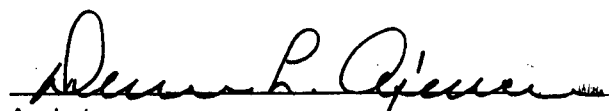
ND - Parameter not detected at the stated detection limit.

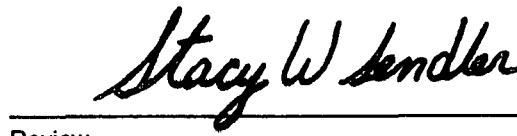
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

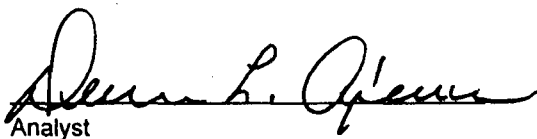
Client:	Envirotech	Project #:	102005
Sample ID:	D - 19	Date Reported:	04-08-99
Laboratory Number:	E954	Date Sampled:	04-02-99
Chain of Custody No:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Extracted:	04-05-99
Preservative:	Cool	Date Analyzed:	04-08-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.1	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5 Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-08-BTEX QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	Calculated	Calculated	% Diff	Blank Conc	Detect Limit
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0482E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	% Diff	Accept Range	Detect Limit
Benzene	22.9	23.1	0.9%	0 - 30%	8.8
Toluene	47.2	47.4	0.4%	0 - 30%	8.4
Ethylbenzene	24.5	24.7	0.8%	0 - 30%	7.6
p,m-Xylene	107	108	0.7%	0 - 30%	10.8
o-Xylene	42.7	43.2	1.2%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	22.9	50.0	72.9	100%	39 - 150
Toluene	47.2	50.0	97.2	100%	46 - 148
Ethylbenzene	24.5	50.0	74.5	100%	32 - 160
p,m-Xylene	107	100.0	207	100%	46 - 148
o-Xylene	42.7	50.0	92.7	100%	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 E949 - E958.

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:	04-08-TPH QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis Requested:	TPH

	Lab Date	Lab Ref	C-Cal/Ref	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

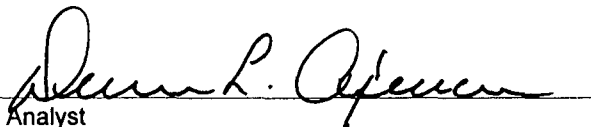
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	2.1	2.1	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	2.1	250	252	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E949 - E958.


Analyst


Review

CHAIN OF CUSTODY RECORD

6823

Client / Project Name ENVIROTECH			Project Location LANDFARM 2, UNIT 5			ANALYSIS / PARAMETERS														
Sampler: Max Webster			Client No. 102005			No. of Containers			Remarks											
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix		80LS	1PH	BTEX			Closure Samples									
A-18	4-2-99	15:15	F949	Soil	1	✓	✓													
B-18	4-2-99	15:00	E950	Soil	1	✓	✓													
A-19	4-2-99	14:45	E951	Soil	1	✓	✓													
B-19	4-2-99	14:30	E952	Soil	1	✓	✓													
C-19	4-2-99	14:15	E953	Soil	1	✓	✓													
D-19	4-2-99	14:00	E954	Soil	1	✓	✓													
F-19	4-2-99	10:45	E955	Soil	1	✓	✓													
E-19	4-2-99	10:30	E956	Soil	1	✓	✓													
H-19	4-2-99	10:00	E957	Soil	1	✓	✓													
G-19	4-2-99	10:15	E958	Soil	1	✓	✓													
Relinquished by: (Signature) <i>Max Webster</i>			Date 4-2-99	Time 17:15	Received by: (Signature) <i>Christa Blacum</i>			Date 4-2-99	Time 17:15											
Relinquished by: (Signature)						Received by: (Signature)														
Relinquished by: (Signature)						Received by: (Signature)														
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 <table border="1"> <tr> <th colspan="3">Sample Receipt</th> </tr> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>												Sample Receipt			Received Intact	Y	N	Cool - Ice/Blue Ice	✓	
Sample Receipt																				
Received Intact	Y	N																		
Cool - Ice/Blue Ice	✓																			

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
Philip Env. 96036-03	6.20.96	Sargo Plant		83

Sampling Documentation:

	X	X
	X	X

Landfarm # 2 UNIT 5

Cell(s): D-20

Sample Date: 3/1/97

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell D-20/F018	Pass	.0424	1.430	57.0

Respectfully submitted,
Envirotech Inc.

Christine M. Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Monty J. King*
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

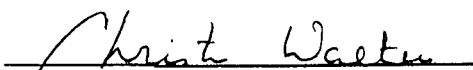
Client:	Envirotech	Project #:	102005
Sample ID:	D - 20	Date Reported:	03-10-99
Laboratory Number:	E764	Date Sampled:	03-01-99
Chain of Custody No:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	37.9	0.2
Diesel Range (C10 - C28)	19.1	0.1
Total Petroleum Hydrocarbons	57.0	0.2

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	D - 20	Date Reported:	03-10-99
Laboratory Number:	E764	Date Sampled:	03-01-99
Chain of Custody:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-09-99
Preservative:	Cool	Date Extracted:	03-03-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	42.4 ✓	8.8
Toluene	1,230	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	99.8	10.8
o-Xylene	55.7	5.2
Total BTEX	1,430 ✓	

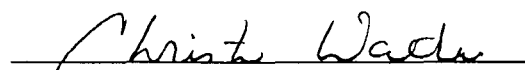
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

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

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

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:	0309-TPH QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

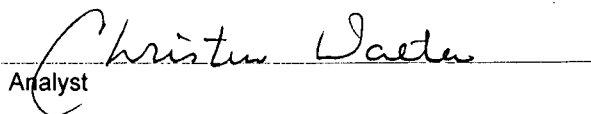
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	91.2	90.9	0.3%	0 - 30%
Diesel Range C10 - C28	8.7	8.7	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	91.2	250	341	100%	75 - 125%
Diesel Range C10 - C28	8.7	250	258	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E761 - E770.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-09-BTEX QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	401	386	3.6%	0 - 30%	8.8
Toluene	462	443	4.1%	0 - 30%	8.4
Ethylbenzene	42.0	40.3	4.0%	0 - 30%	7.6
p,m-Xylene	324	311	3.9%	0 - 30%	10.8
o-Xylene	89.4	86.4	3.4%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	401	50.0	450	100%	39 - 150
Toluene	462	50.0	512	100%	46 - 148
Ethylbenzene	42.0	50.0	92.0	100%	32 - 160
p,m-Xylene	324	100.0	423	100%	46 - 148
o-Xylene	89.4	50.0	139	100%	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 E761 - E770.


Analyst


Review

CHAIN OF CUSTODY RECORD

6727

Client / Project Name ENVIROTECH - LAWRENCE 2, UNIT 5			Project Location HILLTOP, N.M.		ANALYSIS / PARAMETERS													
Sampler: MARK WEBSTER			Client No. 1020025 JWJ		No. of Containers		Remarks											
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	1	8015	8021											
A-20	3-1-99	11:50	E7161	Soil	1	✓	✓											
B-20	3-1-99	11:20	E7162	Soil	1	✓	✓											
C-20	3-1-99	11:45	E7163	Soil	1	✓	✓											
D-20	3-1-99	12:05	E7164	Soil	1	✓	✓											
E-20	3-1-99	12:25	E7165	Soil	1	✓	✓											
F-20	3-1-99	13:45	E7166	Soil	1	✓	✓											
G-20	3-1-99	14:10	E7167	Soil	1	✓	✓											
H-20	3-1-99	14:25	E7168	Soil	1	✓	✓											
I-20	3-1-99	14:55	E7169	Soil	1	✓	✓											
J-20	3-1-99	15:15	E770	Soil	1	✓	✓											
Relinquished by: (Signature) <i>Mark Webster</i>			Date 3-3-99	Time 7:15	Received by: (Signature) <i>Christine Docton</i>		Date 3-3-99	Time 7:15										
Relinquished by: (Signature)					Received by: (Signature)													
Relinquished by: (Signature)					Received by: (Signature)													
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 <table border="1" style="width: 100%;"> <tr> <th colspan="3">Sample Receipt</th> </tr> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>										Sample Receipt			Received Intact	Y	N	Cool - Ice/Blue Ice	✓	
Sample Receipt																		
Received Intact	Y	N																
Cool - Ice/Blue Ice	✓																	

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

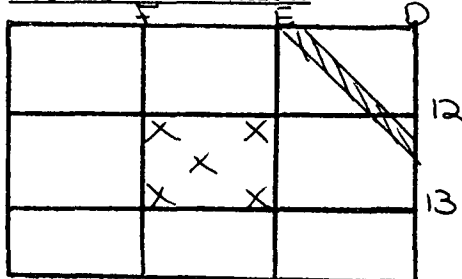
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-03	11.7.95	J.J. fed 16#32CH	metn 94768	58
EPFS 96003-03	6.26.98	Kutz	S. Pond	160

Sampling Documentation:



Landfarm # 26015

Cell(s): E-12

Sample Date: 7.27.99

Sampler: KW BB

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-12/F748	Pass	0.0435	0.962	4.1

Respectfully submitted,
Envirotech Inc.

Christine M. Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Martyn J. Zup*
...Karlson\Fom\ocddms

Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 12	Date Reported:	07-28-99
Laboratory Number:	F748	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	43.5	0.9
Toluene	60.0	0.8
Ethylbenzene	188	0.8
p,m-Xylene	463	1.1
o-Xylene	208	0.5
Total BTEX	962	

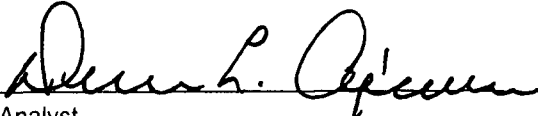
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

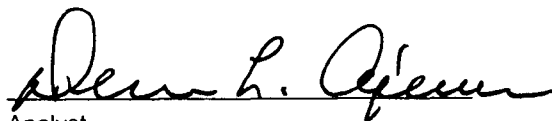
Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 12	Date Reported:	07-28-99
Laboratory Number:	F748	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

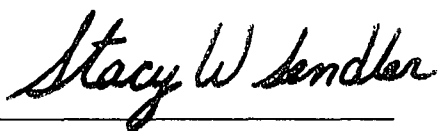
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.2	0.2
Diesel Range (C10 - C28)	2.9	0.1
Total Petroleum Hydrocarbons	4.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5.


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:	07-28-TPH QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	0.16%	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

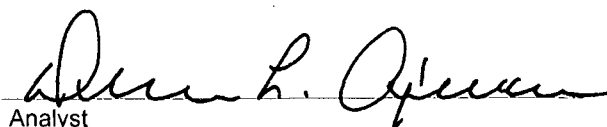
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	3.0	3.0	0.0%	0 - 30%
Diesel Range C10 - C28	5.5	5.5	0.0%	0 - 30%

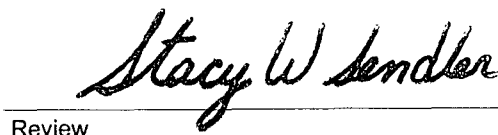
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	3.0	250	253	100%	75 - 125%
Diesel Range C10 - C28	5.5	250	255	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F745 - F754.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
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	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

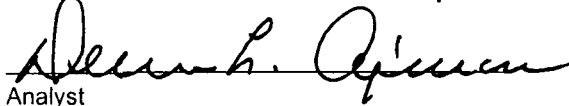
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.4	30.8	1.9%	0 - 30%	0.9
Toluene	92.7	90.5	2.4%	0 - 30%	0.8
Ethylbenzene	25.7	25.1	2.3%	0 - 30%	0.8
p,m-Xylene	115	113	2.1%	0 - 30%	1.1
o-Xylene	22.7	22.3	1.8%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	31.4	50.0	81.3	100%	39 - 150
Toluene	92.7	50.0	143	100%	46 - 148
Ethylbenzene	25.7	50.0	75.6	100%	32 - 160
p,m-Xylene	115	100.0	215	100%	46 - 148
o-Xylene	22.7	50.0	72.7	100%	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 F745 - F754.


Analyst


Review

CHAIN OF CUSTODY RECORD

7178

Client / Project Name			Project Location			ANALYSIS / PARAMETERS					
ENVIROTECH			LANDFARM 2, UNITS								
Sampler: KUB & BB			Client No. 9102005			No. of Containers		Remarks			
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	8015 TPH	BTEX					
Cell C-13	7-27-99	11:10	F745	SOIL	✓	✓					
Cell D-12		11:00	F746		✓	✓					
Cell D-13		11:00	F747		✓	✓					
Cell E-12		11:30	F748		✓	✓					
Cell E-13		11:30	F749		✓	✓					
Cell F-14		9:53	F750		✓	✓					
Cell G-14		9:48	F751		✓	✓					
Cell G-15		9:49	F752		✓	✓					
Cell H-14		10:10	F753		✓	✓					
Cell H-15		9:55	F754		✓	✓					
Relinquished by: (Signature)			Date	Time	Received by: (Signature)		Date	Time			
[Signature]			7-27-99	14:05	[Signature]		7-27-99	14:05			
Relinquished by: (Signature)											
Relinquished by: (Signature)			Received by: (Signature)								
Sample Receipt											
Received Intact											
Cool - Ice/Blue Ice											

ENVIROTECH INC.

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

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96-003-03	3-28-97	De Hg Hazzo #1	# 74439	58
" "	3-31-97	Fluorance #1	# 71512	130
" "	4-1-97	Sub 32-9 #13-1	P.T	144

Sampling Documentation:

	X	X	13
	X		
	X	X	14

Landfarm # 2 units

Cell(s): E-13

Sample Date: 7.27.99

Sampler: KW:BB

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-13/F749	Pass	0.0248	0.555	17.3

Respectfully submitted,
Envirotech Inc.

Christine M. Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe Martyn J. King
...Harlan\form\ocddms

Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 13	Date Reported:	07-28-99
Laboratory Number:	F749	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	24.8 ✓	0.9
Toluene	69.2	0.8
Ethylbenzene	229	0.8
p,m-Xylene	148	1.1
o-Xylene	83.6	0.5
Total BTEX	555 ✓	

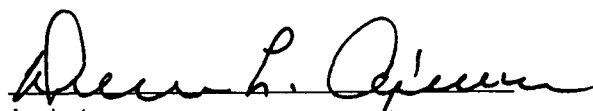
ND - Parameter not detected at the stated detection limit.

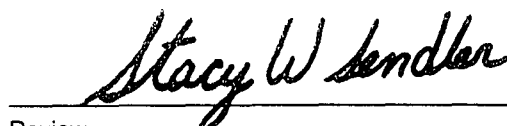
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

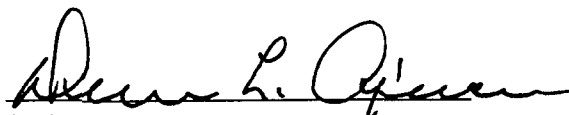
Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 13	Date Reported:	07-28-99
Laboratory Number:	F749	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.3	0.2
Diesel Range (C10 - C28)	16.0	0.1
Total Petroleum Hydrocarbons	17.3	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, Unit 5.


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:	07-28-TPH QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	0.16%	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

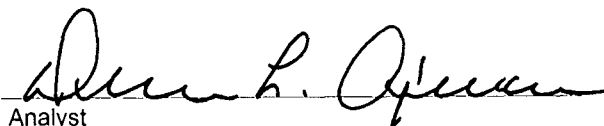
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	3.0	3.0	0.0%	0 - 30%
Diesel Range C10 - C28	5.5	5.5	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	3.0	250	253	100%	75 - 125%
Diesel Range C10 - C28	5.5	250	255	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F745 - F754.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
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	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

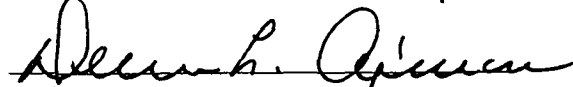
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.4	30.8	1.9%	0 - 30%	0.9
Toluene	92.7	90.5	2.4%	0 - 30%	0.8
Ethylbenzene	25.7	25.1	2.3%	0 - 30%	0.8
p,m-Xylene	115	113	2.1%	0 - 30%	1.1
o-Xylene	22.7	22.3	1.8%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	31.4	50.0	81.3	100%	39 - 150
Toluene	92.7	50.0	143	100%	46 - 148
Ethylbenzene	25.7	50.0	75.6	100%	32 - 160
p,m-Xylene	115	100.0	215	100%	46 - 148
o-Xylene	22.7	50.0	72.7	100%	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 F745 - F754.


Analyst


Review

CHAIN OF CUSTODY RECORD

7178

Client / Project Name			Project Location			ANALYSIS / PARAMETERS					
ENVIROTECH			LANDFARM 2, UNITS								
Sampler: K28 JB			Client No. 9102005								
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks					
Cell C-13	7/27/99	11:10	F745	Soil	8015 TPH	BTEX					
Cell D-12		11:00	F746								
Cell D-13		11:00	F747								
Cell E-12		11:30	F748								
Cell E-13		11:30	F749								
Cell F-14		9:53	F750								
Cell G-14		9:48	F751								
Cell G-15		9:49	F752								
Cell H-14		10:10	F753								
Cell H-15		9:55	F754								
Relinquished by: (Signature)			Date	Time	Received by: (Signature)		Date		Time		
Relinquished by: (Signature)			7/27/99	14:05	Received by: (Signature)		7/27/99		14:05		
Relinquished by: (Signature)					Received by: (Signature)						
Relinquished by: (Signature)					Received by: (Signature)						

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
EPNG 96033-11	2.18.97	White Rock	Comp Station	108
EPFS 96033-03	3.18.97	Chaco Plant	N+S Contact Pond	148

Sampling Documentation:

	X	X	
	X	X	

Landfarm # 2 Unit 5

Cell(s): E-14

Sample Date: 7.23.99

Sampler: KWCT

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-14/577	Pass	0.006	0.269	5.0

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 14	Date Reported:	07-26-99
Laboratory Number:	F717	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

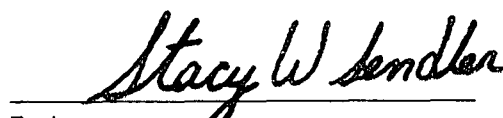
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.0	0.2
Diesel Range (C10 - C28)	2.0	0.1
Total Petroleum Hydrocarbons	5.0	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2, Unit 5.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 14	Date Reported:	07-26-99
Laboratory Number:	F717	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	6.0 ✓	0.9
Toluene	12.4	0.8
Ethylbenzene	36.9	0.8
p,m-Xylene	123	1.1
o-Xylene	91.0	0.5
Total BTEX	269 ✓	

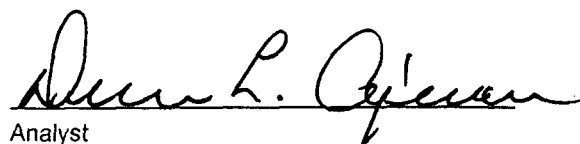
ND - Parameter not detected at the stated detection limit.

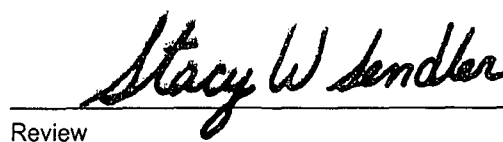
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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.


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:	07-26-TPH QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	06-17-99	8.9863E-002	8.9792E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	4.9143E-002	4.9064E-002	0.16%	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	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F709 - F718.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-26-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

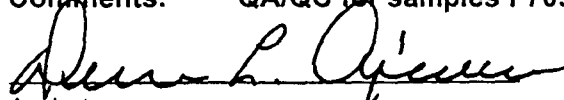
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	9.5	9.3	2.1%	0 - 30%	0.9
Toluene	21.0	20.4	2.9%	0 - 30%	0.8
Ethylbenzene	8.1	7.9	2.5%	0 - 30%	0.8
p,m-Xylene	31.4	30.6	2.5%	0 - 30%	1.1
o-Xylene	11.0	10.7	2.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.5	50.0	59.5	100%	39 - 150
Toluene	21.0	50.0	71.0	100%	46 - 148
Ethylbenzene	8.1	50.0	58.1	100%	32 - 160
p,m-Xylene	31.4	100.0	131	100%	46 - 148
o-Xylene,	11.0	50.0	61.0	100%	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 F709 - F718.


Analyst


Review

CHAIN OF CUSTODY RECORD

7176

Client / Project Name		Project Location		ANALYSIS / PARAMETERS											
EnviroTech		Land Farm 2 Unit 5													
Sampler: <i>Kevin C</i>		Client No. <i>9102005</i>		No. of Containers		Remarks									
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	8015 TPH	BTEX									
Cell A-14	7.23.99	11:00	F709	Soil	✓	✓									
Cell A-15		11:00	F710		✓	✓									
Cell B-14		11:04	F711		✓	✓									
Cell B-15		11:05	F712		✓	✓									
Cell C-14		11:10	F713		✓	✓									
Cell C-15		11:10	F714		✓	✓									
Cell D-14		11:20	F715		✓	✓									
Cell D-15		11:20	F716		✓	✓									
Cell E-14		11:30	F717		✓	✓									
Cell E-15		11:30	F718		✓	✓									
Refinquired by: (Signature) <i>[Signature]</i>		Date	Time	Received by: (Signature) <i>[Signature]</i>	Date	Time									
		7.23.99	12:45		7.23.99	12:45									
Refinquired by: (Signature)				Received by: (Signature)											
Refinquired by: (Signature)				Received by: (Signature)											
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 Sample Receipt <table border="1"> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>								Received Intact	Y	N	N/A	Cool - Ice/Blue Ice	✓		
Received Intact	Y	N	N/A												
Cool - Ice/Blue Ice	✓														

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
EPFS 96003-03	10.17.96	GRU D#1160	# 14046	288
" "	3.18.97	Chaco Plant	N.S. Contact Ponds	10

Sampling Documentation:

	X	X	
	X	X	

Landfarm # 2 Unit 5

Cell(s): E-15

Sample Date: 7.23.99

Sampler: KW & CT

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-15/718	Pass	0.0074	0.0504	ND

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Monty J. Kiley*
...Harlan/Form\ocddms

Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 15	Date Reported:	07-26-99
Laboratory Number:	F718	Date Sampled:	07-23-99 ✓
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and 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.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 15	Date Reported:	07-26-99
Laboratory Number:	F718	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	7.4 ✓	0.9
Toluene	30.6	0.8
Ethylbenzene	1.4	0.8
p,m-Xylene	8.0	1.1
o-Xylene	3.0	0.5
Total BTEX	50.4 ✓	

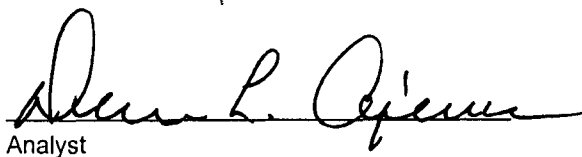
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

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.


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:	07-26-TPH QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	06-17-99	8.9863E-002	8.9792E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	4.9143E-002	4.9064E-002	0.16%	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

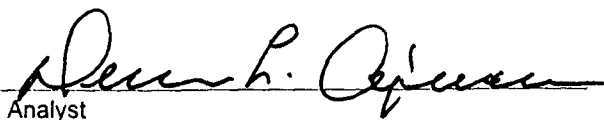
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

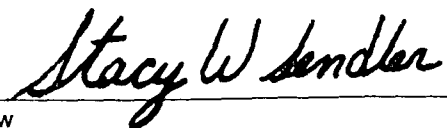
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F709 - F718.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-26-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

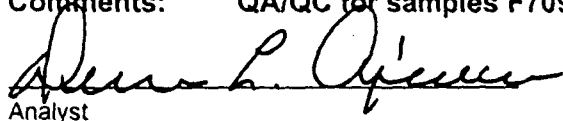
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	9.5	9.3	2.1%	0 - 30%	0.9
Toluene	21.0	20.4	2.9%	0 - 30%	0.8
Ethylbenzene	8.1	7.9	2.5%	0 - 30%	0.8
p,m-Xylene	31.4	30.6	2.5%	0 - 30%	1.1
o-Xylene	11.0	10.7	2.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.5	50.0	59.5	100%	39 - 150
Toluene	21.0	50.0	71.0	100%	46 - 148
Ethylbenzene	8.1	50.0	58.1	100%	32 - 160
p,m-Xylene	31.4	100.0	131	100%	46 - 148
o-Xylene	11.0	50.0	61.0	100%	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 F709 - F718.


Analyst


Review

CHAIN OF CUSTODY RECORD

7176

Client / Project Name				Project Location			ANALYSIS / PARAMETERS												
Envirotech				Land Farm 2 Unit 5															
Sampler: <i>ku j ci</i>				Client No. <i>9102005</i>			Remarks												
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers														
Cell A-14	7-23-99	11:00	F709	Soil	8015 TPH	BTEX													
Cell A-15		11:00	F710																
Cell B-14		11:04	F711																
Cell B-15		11:05	F712																
Cell C-14		11:10	F713																
Cell C-15		11:10	F714																
Cell D-14		11:20	F715																
Cell D-15		11:20	F716																
Cell E-14		11:30	F717																
Cell E-15		11:30	F718																
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time										
<i>[Signature]</i>			7-23-99	12:45	<i>[Signature]</i>			7-23-99	12:45										
Relinquished by: (Signature)			Received by: (Signature)																
Relinquished by: (Signature)			Received by: (Signature)																
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615																			
Sample Receipt <table border="1"> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>												Received Intact	Y	N	N/A	Cool - Ice/Blue Ice	✓		
Received Intact	Y	N	N/A																
Cool - Ice/Blue Ice	✓																		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999

OIL CON. DIV.
DIST. 3

Date: 6.7.99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-03	10.4.96	Remanta ETAL	Meter # 75155 Separator Dehydr. Pit	144
EPFS 96003-03	10.8.96	Large Pig System	Y-1 LD262 (Drip)	234

Sampling Documentation:

G	F	E	D
			16
	X	X	
	X	X	17

Landfarm # 2, UNIT 5

Cell(s): E-16

Sample Date: 5/3/99

Sampler: Donald C. Cirilo

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-16/F098	Pass	.0261	.329	1.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Martyna J. Rudy*
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

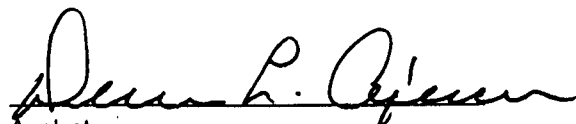
Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 16	Date Reported:	05-05-99
Laboratory Number:	F102	Date Sampled:	05-03-99
Chain of Custody No:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-05-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

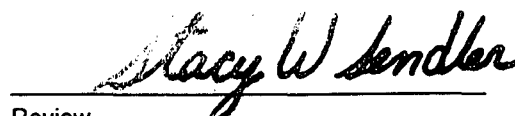
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.3	0.2
Diesel Range (C10 - C28)	1.2	0.1
Total Petroleum Hydrocarbons	1.5 ✓	0.2

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. 5 Pt. Composite Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 16	Date Reported:	05-05-99
Laboratory Number:	F102	Date Sampled:	05-03-99
Chain of Custody:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-05-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	26.1	8.8
Toluene	68.0	8.4
Ethylbenzene	16.6	7.6
p,m-Xylene	192	10.8
o-Xylene	26.0	5.2
Total BTEX	329	

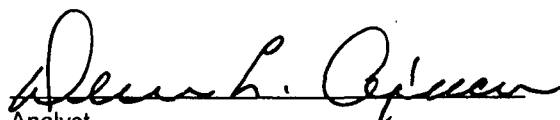
ND - Parameter not detected at the stated detection limit.

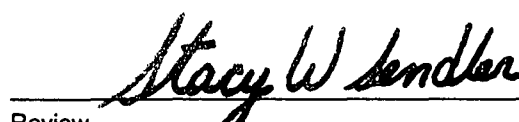
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

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. 5 Pt. Composite Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-05-TPH QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

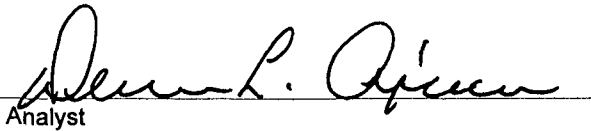
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	0.7	0.7	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	0.7	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F098 - F107.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-05-BTEX QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

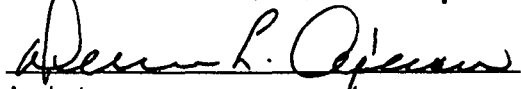
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	15.2	15.3	0.7%	0 - 30%	8.8
Toluene	16.4	16.5	0.6%	0 - 30%	8.4
Ethylbenzene	15.7	15.7	0.0%	0 - 30%	7.6
p,m-Xylene	151	151	0.0%	0 - 30%	10.8
o-Xylene	63.6	64.2	0.9%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	15.2	50.0	65.2	100%	39 - 150
Toluene	16.4	50.0	66.4	100%	46 - 148
Ethylbenzene	15.7	50.0	65.7	100%	32 - 160
p,m-Xylene	151	100.0	250	100%	46 - 148
o-Xylene	63.6	50.0	114	100%	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 F098 - F107.


Analyst


Review

CHAIN OF CUSTODY RECORD

6850

Client / Project Name		Project Location		ANALYSIS / PARAMETERS							
Envirotech		Landfarm 2-5 unit									
Sample: C-10: Donor		Client No. 91020-05		No. of Containers		X 20		N 108		Remarks	
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix							Spt. Closure Samples
C-10 A-10	5-3-99	10:25	F098	Soil	1	✓	✓				
C-10 B-10		10:30	F099		1	✓	✓				
C-10 C-10		10:45	F100		1	✓	✓				
C-10 D-10		10:50	F101		1	✓	✓				
C-10 E-10		11:00	F102		1	✓	✓				
C-10 F-10		11:10	F103		1	✓	✓				
C-10 G-10		11:20	F104		1	✓	✓				
C-10 H-10		11:30	F105		1	✓	✓				
C-10 I-10		11:40	F106		1	✓	✓				
C-10 J-10		11:50	F107		1	✓	✓				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)						Date	Time
M. L. L. L. L.		5-3-99	15:10	A. L. L. L.						5-3-99	15:10
Relinquished by: (Signature)				Received by: (Signature)							
Relinquished by: (Signature)				Received by: (Signature)							

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV.
PIL 8

6.7.99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
NO MATERIAL RECORDED				

Sampling Documentation:

G	F	E	D
	X	X	
	X	X	

17
18

Landfarm # 21UNT5

Cell(s): E-17

Sample Date: 5/3/99

Sampler: Donald

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-17/F098	Pass	.0348	1510	3.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 17	Date Reported:	05-16-99
Laboratory Number:	F112	Date Sampled:	05-03-99
Chain of Custody:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-16-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	34.8	8.8
Toluene	62.0	8.4
Ethylbenzene	59.1	7.6
p,m-Xylene	257	10.8
o-Xylene	96.7	5.2
Total BTEX	510	

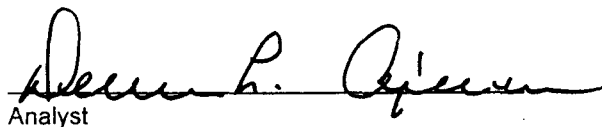
ND - Parameter not detected at the stated detection limit.

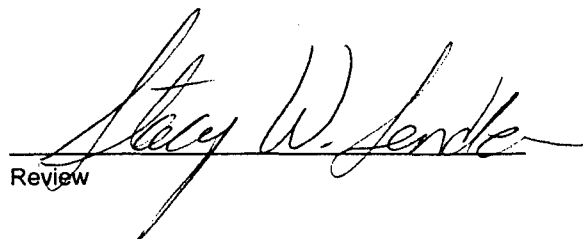
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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 5 Pt. 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: Cell E - 17
Laboratory Number: F112
Chain of Custody No: 6851
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

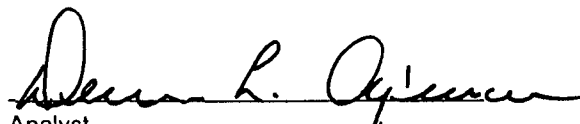
Project #: 102005
Date Reported: 05-16-99
Date Sampled: 05-03-99
Date Received: 05-03-99
Date Extracted: 05-05-99
Date Analyzed: 05-16-99
Analysis Requested: 8015 TPH

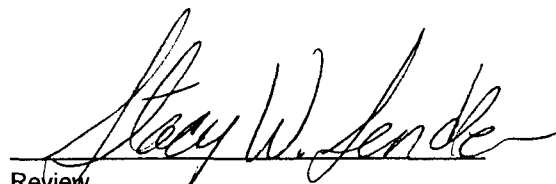
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.6	0.2
Diesel Range (C10 - C28)	0.9	0.1
Total Petroleum Hydrocarbons	3.5	0.2

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 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-16-TPH QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	4.4525E-002	4.4401E-002	0.28%	0 - 15%
Diesel Range C10 - C28	03-15-99	4.1817E-002	4.1709E-002	0.26%	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	1.4	1.4	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	1.4	250	251	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F108 - F117.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-16-BTEX QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
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	4.5104E-002	4.5212E-002	0.2%	ND	0.2
Toluene	2.2820E-002	2.2861E-002	0.2%	ND	0.2
Ethylbenzene	3.1405E-002	3.1471E-002	0.2%	ND	0.2
p,m-Xylene	3.1037E-002	3.1115E-002	0.3%	ND	0.2
o-Xylene	2.9125E-002	2.9175E-002	0.2%	ND	0.1

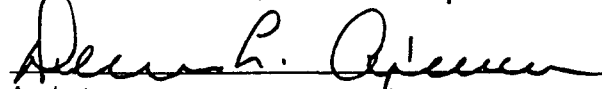
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	35.9	35.7	0.6%	0 - 30%	8.8
Toluene	21.4	21.2	0.9%	0 - 30%	8.4
Ethylbenzene	23.2	23.0	0.9%	0 - 30%	7.6
p,m-Xylene	207	205	0.8%	0 - 30%	10.8
o-Xylene	97.0	96.8	0.2%	0 - 30%	5.2

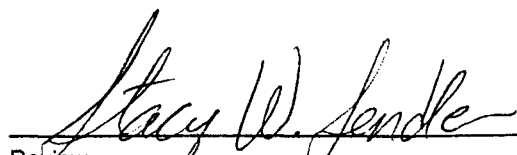
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	35.9	50.0	85.8	100%	39 - 150
Toluene	21.4	50.0	71.4	100%	46 - 148
Ethylbenzene	23.2	50.0	73.2	100%	32 - 160
p,m-Xylene	207	100.0	307	100%	46 - 148
o-Xylene	97.0	50.0	147	100%	46 - 148

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 F108 - F117.


Analyst


Review

CHAIN OF CUSTODY RECORD

6851

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																					
Envirotech		Leadform 2 Units																							
Sampler:		Client No.																							
Ciriello & Donald		91020-05																							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btex	8015						Remarks												
Cell A-17	5:39	10:20	F108	Soil	1	✓	✓						Spd Closure												
Cell B-17		10:35	F109		1	✓	✓						Samples												
Cell C-17		10:40	F110		1	✓	✓																		
Cell D-17		10:55	F111		1	✓	✓																		
Cell E-17		11:15	F112		1	✓	✓																		
Cell F-17		11:25	F113		1	✓	✓																		
Cell G-17		11:35	F114		1	✓	✓																		
Cell H-17		11:45	F115		1	✓	✓																		
Cell J-17		11:45	F116		1	✓	✓																		
Cell J-17		11:50	F117		1	✓	✓																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time															
Christine Wallin		5:39		15:15		Rebecca Ogden		5:39		15:15															
Relinquished by: (Signature)						Received by: (Signature)																			
Relinquished by: (Signature)						Received by: (Signature)																			
Sample Receipt																									
<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td>✓</td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>														Y	N	N/A	✓			Received Intact	✓		Cool - Ice/Blue Ice	✓	
Y	N	N/A																							
✓																									
Received Intact	✓																								
Cool - Ice/Blue Ice	✓																								

ENVIROTECH INC.

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date : 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
Burlington Res. 92197	12.16.97	Val Verde Plant		8

Sampling Documentation:

	X	X
	X	X

18

19

Landfarm # 2, UNIT 5

Cell(s): E-18

Sample Date: 4/5/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-18 / F098	Pass	.0192	.402	0.4

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe Martinez King
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	E - 18	Date Reported:	04-14-99
Laboratory Number:	E969	Date Sampled:	04-05-99
Chain of Custody:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Analyzed:	04-14-99
Preservative:	Cool	Date Extracted:	04-07-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	19.2	8.8
Toluene	18.7	8.4
Ethylbenzene	59.4	7.6
p,m-Xylene	210	10.8
o-Xylene	94.5	5.2
Total BTEX	402	

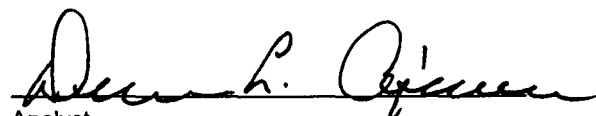
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

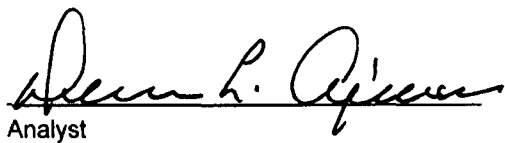
Client:	Envirotech	Project #:	102005
Sample ID:	E - 18	Date Reported:	04-14-99
Laboratory Number:	E969	Date Sampled:	04-05-99
Chain of Custody No:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Extracted:	04-07-99
Preservative:	Cool	Date Analyzed:	04-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.4	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.4	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 2 Unit 5 Closure Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-14-BTEX QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	3.2348E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	18.6	18.7	0.5%	0 - 30%	8.8
Toluene	64.9	65.1	0.3%	0 - 30%	8.4
Ethylbenzene	17.4	17.5	0.6%	0 - 30%	7.6
p,m-Xylene	202	203	0.5%	0 - 30%	10.8
o-Xylene	115	116	1.0%	0 - 30%	5.2

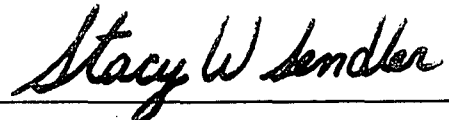
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	18.6	50.0	68.6	100%	39 - 150
Toluene	64.9	50.0	115	100%	46 - 148
Ethylbenzene	17.4	50.0	67.4	100%	32 - 160
p,m-Xylene	202	100.0	301	100%	46 - 148
o-Xylene	115	50.0	165	100%	46 - 148

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 E967 - E974.


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:	04-14-TPH QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

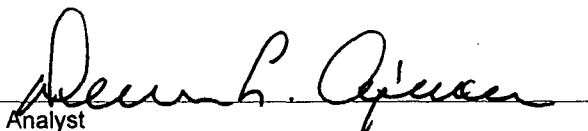
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	3.3	3.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

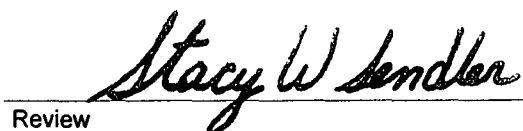
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	3.3	250	250	99%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E967 - E974.


Analyst


Review

CHAIN OF CUSTODY RECORD

6827

Client / Project Name			Project Location			ANALYSIS / PARAMETERS													
ENVIROTECH			LABORATORY 2 UNIT 5																
Sampler: <i>MARC O. GERRARD</i>			Client No. 102005			No. of Containers			Remarks										
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	805 TOP	BTEX	CLOSER SAMPLE												
C-18	4-5-99	14:30	E967	SOIL	1	✓	✓												
D-18	4-5-99	14:45	E968	SOIL	1	✓	✓												
E-18	4-5-99	15:00	E969	SOIL	1	✓	✓												
F-18	4-5-99	15:30	E970	SOIL	1	✓	✓												
G-18	4-5-99	15:45	E971	SOIL	1	✓	✓												
H-18	4-5-99	16:00	E972	SOIL	1	✓	✓												
I-18	4-5-99	16:15	E973	SOIL	1	✓	✓												
J-18	4-5-99	16:30	E974	SOIL	1	✓	✓												
Relinquished by: (Signature) <i>Marc O. Gerrard</i>			Date 4-5-99	Time 17:30	Received by: (Signature) <i>Michael Lactao</i>			Date 4-5-99	Time 17:30										
Relinquished by: (Signature)						Received by: (Signature)													
Relinquished by: (Signature)						Received by: (Signature)													

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

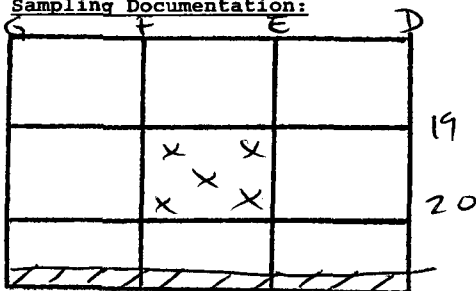
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-10	7.9.96 7.10.96	Landrith Plant		440
Burlington Res. 92197	10.1.97 9.18.97			14

Sampling Documentation:



Landfarm # 2, UNIT 5

Cell(s): E-19

Sample Date: 4/2/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-19 / F098	Pass	10112	.179	2.8

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	E - 19	Date Reported:	04-08-99
Laboratory Number:	E956	Date Sampled:	04-02-99
Chain of Custody:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Analyzed:	04-08-99
Preservative:	Cool	Date Extracted:	04-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	11.2	8.8
Toluene	34.2	8.4
Ethylbenzene	10.9	7.6
p,m-Xylene	87.7	10.8
o-Xylene	35.1	5.2
Total BTEX	179	

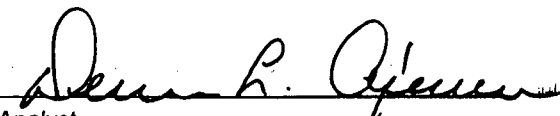
ND - Parameter not detected at the stated detection limit.

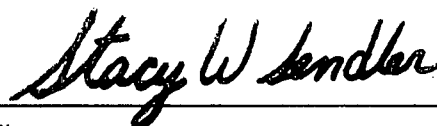
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

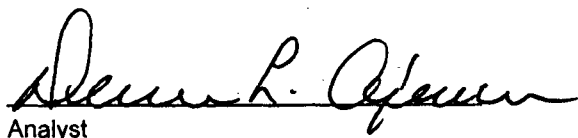
Client:	Envirotech	Project #:	102005
Sample ID:	E - 19	Date Reported:	04-08-99
Laboratory Number:	E956	Date Sampled:	04-02-99
Chain of Custody No:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Extracted:	04-05-99
Preservative:	Cool	Date Analyzed:	04-08-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.8	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.8	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5 Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-08-BTEX QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	1	2	3	Blank Conc	Detect Limit
Benzene	3.2348E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0482E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7418E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4802E-002	0.1%	ND	0.1

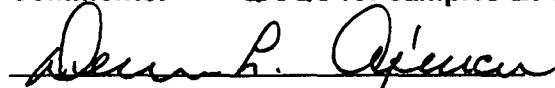
Duplicate Conc. (ug/Kg)	Sample	Duplicate	% Diff	Accept Range	Detect Limit
Benzene	22.9	23.1	0.9%	0 - 30%	8.8
Toluene	47.2	47.4	0.4%	0 - 30%	8.4
Ethylbenzene	24.5	24.7	0.8%	0 - 30%	7.6
p,m-Xylene	107	108	0.7%	0 - 30%	10.8
o-Xylene	42.7	43.2	1.2%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	22.9	50.0	72.9	100%	39 - 150
Toluene	47.2	50.0	97.2	100%	46 - 148
Ethylbenzene	24.5	50.0	74.5	100%	32 - 160
p,m-Xylene	107	100.0	207	100%	46 - 148
o-Xylene	42.7	50.0	92.7	100%	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 E949 - E958.


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:	04-08-TPH QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis Requested:	TPH

	1-Cal Date	1-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

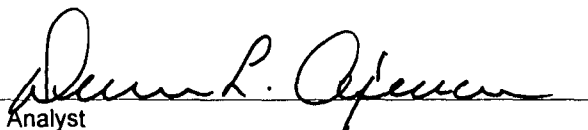
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	2.1	2.1	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

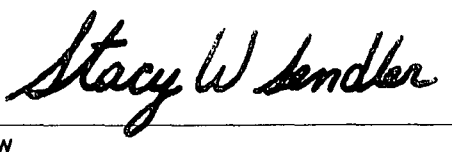
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	2.1	250	252	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E949 - E958.


Analyst


Review

CHAIN OF CUSTODY RECORD

6823

Client / Project Name ENVIROTECH			Project Location LANDFARM 2, UNIT 5			ANALYSIS / PARAMETERS														
Sampler: Max Webster			Client No. 102005			No. of Containers			Remarks											
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	8015 TPH	BTEX	CLOSURE SAMPLES													
A-18	4-2-99	15:15	E949	SOIL	1	✓	✓													
B-18	4-2-99	15:00	E950	SOIL	1	✓	✓													
A-19	4-2-99	14:45	E951	SOIL	1	✓	✓													
B-19	4-2-99	14:30	E952	SOIL	1	✓	✓													
C-19	4-2-99	14:15	E953	SOIL	1	✓	✓													
D-19	4-2-99	14:00	E954	SOIL	1	✓	✓													
E-19	4-2-99	10:45	E955	SOIL	1	✓	✓													
F-19	4-2-99	10:30	E956	SOIL	1	✓	✓													
G-19	4-2-99	10:00	E957	SOIL	1	✓	✓													
H-19	4-2-99	10:15	E958	SOIL	1	✓	✓													
Relinquished by: (Signature) <i>Max Webster</i>			Date 4-2-99	Time 17:15	Received by: (Signature) <i>Christa Jackson</i>			Date 4-2-99	Time 17:15											
Relinquished by: (Signature)						Received by: (Signature)														
Relinquished by: (Signature)						Received by: (Signature)														
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 <table border="1"> <tr> <th colspan="3">Sample Receipt</th> </tr> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>												Sample Receipt			Received Intact	Y	N	Cool - Ice/Blue Ice	✓	
Sample Receipt																				
Received Intact	Y	N																		
Cool - Ice/Blue Ice	✓																			

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999

6.7.99

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-10	7.1.96 7.2.96	Sindrit Plant		160
Mendion Oil (Burlington)	6.21.96	Val Verde Plant		20

Sampling Documentation:

	X	X	X

19

20

Landfarm # 2,4WIT5 Cell(s): E-20
Sample Date: 3/1/97 Sampler: MW
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell E-20/F098	<u>Pass</u>	<u>less than .0088</u>	<u>1.016</u>	<u>65.1</u>

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/27/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: E - 20
Laboratory Number: E765
Chain of Custody No: 6727
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

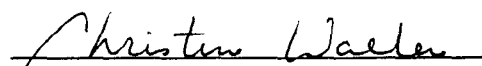
Project #: 102005
Date Reported: 03-10-99
Date Sampled: 03-01-99
Date Received: 03-03-99
Date Extracted: 03-03-99
Date Analyzed: 03-09-99
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	46.9	0.2
Diesel Range (C10 - C28)	18.2	0.1
Total Petroleum Hydrocarbons	65.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2 Unit 5. Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	E - 20	Date Reported:	03-10-99
Laboratory Number:	E765	Date Sampled:	03-01-99
Chain of Custody:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-09-99
Preservative:	Cool	Date Extracted:	03-03-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND ✓	8.8
Toluene	844	8.4
Ethylbenzene	44.4	7.6
p,m-Xylene	77.8	10.8
o-Xylene	49.4	5.2
Total BTEX	1,016 ✓	

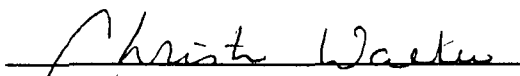
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

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:	0309-TPH QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

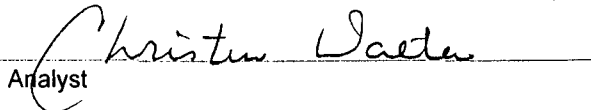
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	91.2	90.9	0.3%	0 - 30%
Diesel Range C10 - C28	8.7	8.7	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	91.2	250	341	100%	75 - 125%
Diesel Range C10 - C28	8.7	250	258	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E761 - E770.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-09-BTEX QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF: Accept. Range	%Diff 0 - 15%	Blank Conc	Detect Limit
Benzene	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	401	386	3.6%	0 - 30%	8.8
Toluene	462	443	4.1%	0 - 30%	8.4
Ethylbenzene	42.0	40.3	4.0%	0 - 30%	7.6
p,m-Xylene	324	311	3.9%	0 - 30%	10.8
o-Xylene	89.4	86.4	3.4%	0 - 30%	5.2

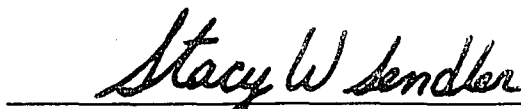
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	401	50.0	450	100%	39 - 150
Toluene	462	50.0	512	100%	46 - 148
Ethylbenzene	42.0	50.0	92.0	100%	32 - 160
p,m-Xylene	324	100.0	423	100%	46 - 148
o-Xylene	89.4	50.0	139	100%	46 - 148

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 E761 - E770.


Analyst


Review

CHAIN OF CUSTODY RECORD

6727

Client / Project Name			Project Location			ANALYSIS / PARAMETERS					
ENVIROTECH - LARSEN 2, UNIT 5			HILLTOP, N.M.								
Sampler: <i>Max Webster</i>			Client No. <i>1020025</i> <i>JWS</i>								
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks					
A-20	3-1-99	11:00	E7161	Soil	1	✓	✓				
B-20	3-1-99	11:20	E7162	Soil	1	✓	✓				
C-20	3-1-99	11:45	E7163	Soil	1	✓	✓				
D-20	3-1-99	12:05	E7164	Soil	1	✓	✓				
E-20	3-1-99	12:25	E7165	Soil	1	✓	✓				
F-20	3-1-99	13:45	E7166	Soil	1	✓	✓				
G-20	3-1-99	14:10	E7167	Soil	1	✓	✓				
H-20	3-1-99	14:25	E7168	Soil	1	✓	✓				
I-20	3-1-99	14:55	E7169	Soil	1	✓	✓				
J-20	3-1-99	15:15	E770	Soil	1	✓	✓				
Relinquished by: (Signature) <i>Max Webster</i>			Date	Time	Received by: (Signature) <i>Christine Docton</i>	Date	Time				
Relinquished by: (Signature)			3-3-99	7:15		3-3-99	7:15				
Relinquished by: (Signature)											
Relinquished by: (Signature)											
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615											
Sample Receipt Received Intact ☒ Cool - Ice/Blue Ice ☒											

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-1D	7.10.96 7.11.96	Lindrieth Plant		328
Burlington Res. 92197	8.29.97			10

Sampling Documentation:

	X	X	
	X	X	

Landfarm # 2, UNIT 5

Cell(s): F-18

Sample Date: 4/5/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell F-18/F098	PASS	10129	1309	2.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	F - 18	Date Reported:	04-14-99
Laboratory Number:	E970	Date Sampled:	04-05-99
Chain of Custody:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Analyzed:	04-14-99
Preservative:	Cool	Date Extracted:	04-07-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	12.9	8.8
Toluene	12.1	8.4
Ethylbenzene	37.8	7.6
p,m-Xylene	183	10.8
o-Xylene	63.1	5.2
Total BTEX	309	

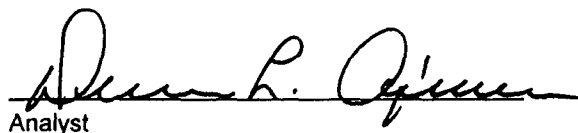
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

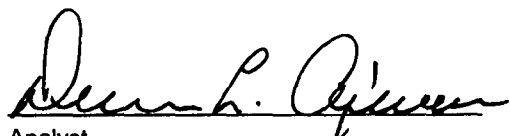
Client:	Envirotech	Project #:	102005
Sample ID:	F - 18	Date Reported:	04-14-99
Laboratory Number:	E970	Date Sampled:	04-05-99
Chain of Custody No:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Extracted:	04-07-99
Preservative:	Cool	Date Analyzed:	04-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

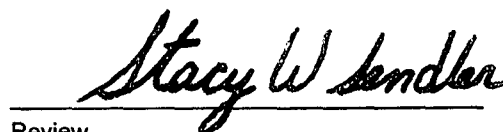
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.2	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.2	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2 Unit 5 Closure Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-14-BTEX QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2348E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	18.6	18.7	0.5%	0 - 30%	8.8
Toluene	64.9	65.1	0.3%	0 - 30%	8.4
Ethylbenzene	17.4	17.5	0.6%	0 - 30%	7.6
p,m-Xylene	202	203	0.5%	0 - 30%	10.8
o-Xylene	115	116	1.0%	0 - 30%	5.2

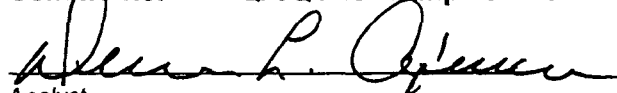
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	18.6	50.0	68.6	100%	39 - 150
Toluene	64.9	50.0	115	100%	46 - 148
Ethylbenzene	17.4	50.0	67.4	100%	32 - 160
p,m-Xylene	202	100.0	301	100%	46 - 148
o-Xylene	115	50.0	165	100%	46 - 148

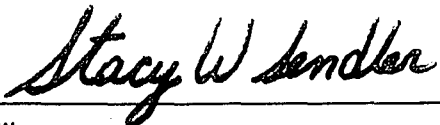
ND - Parameter not detected at the stated detection limit.

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 E967 - E974.


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:	04-14-TPH QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

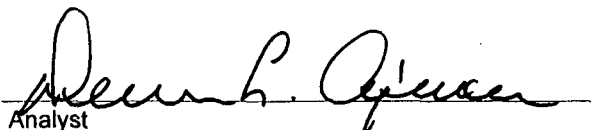
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	3.3	3.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

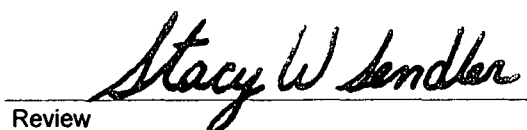
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	3.3	250	250	99%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E967 - E974.


Analyst


Review

CHAIN OF CUSTODY RECORD

6827

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
ENVIROTECH		LAWRENCE 2 UNIT 5											
Sampler: <i>Mark W. Senter</i>			Client No. 102005			No. of Containers			Remarks				
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix		80LS TPK	BTEX					CLOSURE SAMPLES	
C-18	4-5-99	14:30	E967	SOIL		1	✓	✓					
D-18	4-5-99	14:45	E968	SOIL		1	✓	✓					
E-18	4-5-99	15:00	E969	SOIL		1	✓	✓					
F-18	4-5-99	15:30	E970	SOIL		1	✓	✓					
G-18	4-5-99	15:45	E971	SOIL		1	✓	✓					
H-18	4-5-99	16:00	E972	SOIL		1	✓	✓					
I-18	4-5-99	16:15	E973	SOIL		1	✓	✓					
J-18	4-5-99	16:30	E974	SOIL		1	✓	✓					
Relinquished by: (Signature) <i>Mark W. Senter</i>			Date 4-5-99	Time 17:30	Received by: (Signature) <i>Michael L. Carter</i>			Date 4-5-99	Time 17:30				
Relinquished by: (Signature)						Received by: (Signature)							
Relinquished by: (Signature)						Received by: (Signature)							

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date : 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
No Material Recorded				

Sampling Documentation:

	X	X	
	X	X	

19
20

Landfarm # 2, UNIT 5 Cell(s): F-19
Sample Date: 4/2/99 Sampler: MSW
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
GU F-19/K098	PASS	.0266	.202	2.9

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	F - 19	Date Reported:	04-08-99
Laboratory Number:	E955	Date Sampled:	04-02-99
Chain of Custody:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Analyzed:	04-08-99
Preservative:	Cool	Date Extracted:	04-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	26.6	8.8
Toluene	17.7	8.4
Ethylbenzene	11.6	7.6
p,m-Xylene	109	10.8
o-Xylene	36.7	5.2
Total BTEX	202	

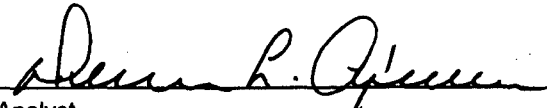
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: F - 19
Laboratory Number: E955
Chain of Custody No: 6823
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

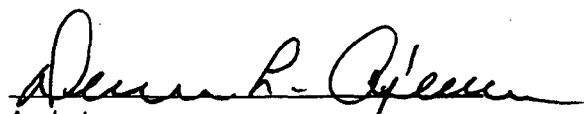
Project #: 102005
Date Reported: 04-08-99
Date Sampled: 04-02-99
Date Received: 04-02-99
Date Extracted: 04-05-99
Date Analyzed: 04-08-99
Analysis Requested: 8015 TPH

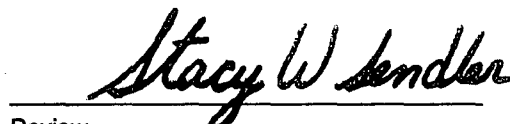
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.9	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.9	0.2

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

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-08-BTEX QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	Sample	Duplicate	% Diff	Blank Conc	Detect Limit
	3.2346E-002	3.2391E-002	0.1%	ND	0.2
	2.0462E-002	2.0478E-002	0.1%	ND	0.2
	2.7225E-002	2.7255E-002	0.1%	ND	0.2
	2.7416E-002	2.7457E-002	0.2%	ND	0.2
	2.4585E-002	2.4602E-002	0.1%	ND	0.1

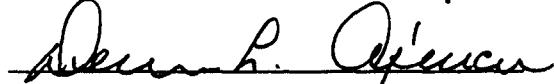
Duplicate Conc (ug/Kg)	Sample	Duplicate	% Diff	Accept Range	Detect Limit
	22.9	23.1	0.9%	0 - 30%	8.8
	47.2	47.4	0.4%	0 - 30%	8.4
	24.5	24.7	0.8%	0 - 30%	7.6
	107	108	0.7%	0 - 30%	10.8
	42.7	43.2	1.2%	0 - 30%	5.2

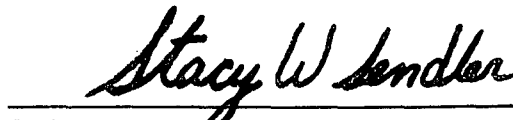
Spike Conc (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
	22.9	50.0	72.9	100%	39 - 150
	47.2	50.0	97.2	100%	46 - 148
	24.5	50.0	74.5	100%	32 - 160
	107	100.0	207	100%	46 - 148
	42.7	50.0	92.7	100%	46 - 148

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 E949 - E958.


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:	04-08-TPH QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis Requested:	TPH

	Lab Date	Lab RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

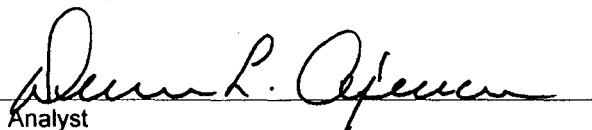
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	2.1	2.1	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	2.1	250	252	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E949 - E958.


Analyst


Review

CHAIN OF CUSTODY RECORD

6823

Client / Project Name			Project Location			ANALYSIS / PARAMETERS															
ENVIROTECH			LANDFARM 2, UNIT 5																		
Sampler:			Client No.			No. of Containers			Remarks												
MARK WESSER			102005						CLOSURE SAMPLES												
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix																	
A-18	4-2-99	15:15	E949	SOIL	1	✓	✓														
B-18	4-2-99	15:00	E950	SOIL	1	✓	✓														
A-19	4-2-99	14:45	E951	SOIL	1	✓	✓														
B-19	4-2-99	14:30	E952	SOIL	1	✓	✓														
2-19	4-2-99	14:15	E953	SOIL	1	✓	✓														
D-19	4-2-99	14:00	E954	SOIL	1	✓	✓														
F-19	4-2-99	10:45	E955	SOIL	1	✓	✓														
E-19	4-2-99	10:30	E956	SOIL	1	✓	✓														
H-19	4-2-99	10:00	E957	SOIL	1	✓	✓														
G-19	4-2-99	10:15	E958	SOIL	1	✓	✓														
Relinquished by: (Signature)			Date			Time			Received by: (Signature)			Date			Time						
Mark Wesser			4-2-99			17:15			Christa Blachin			4-2-99			17:15						
Relinquished by: (Signature)									Received by: (Signature)												
Relinquished by: (Signature)									Received by: (Signature)												
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615														Sample Receipt Received Intact Cool - Ice/Blue Ice				Y M N/A			

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 6.7.99

RECEIVED
JUL - 7 1999

OIL CON. DIV

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 16003-10	7.2.96 7.10.96	Sundwith Plant		360

Sampling Documentation:

	X	X	
	X	X	

Landfarm # 2, unit 5

Cell(s): F-20

Sample Date: 3/1/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell F-20/F098	Pass	.175	.749	74.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

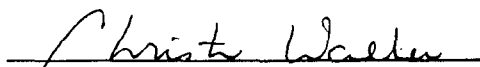
Client:	Envirotech	Project #:	102005
Sample ID:	F - 20	Date Reported:	03-10-99
Laboratory Number:	E766	Date Sampled:	03-01-99
Chain of Custody No:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	74.4	0.2
Diesel Range (C10 - C28)	0.2	0.1
Total Petroleum Hydrocarbons	74.6	0.2

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	F - 20	Date Reported:	03-10-99
Laboratory Number:	E766	Date Sampled:	03-01-99
Chain of Custody:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-09-99
Preservative:	Cool	Date Extracted:	03-03-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	175 ✓	8.8
Toluene	405	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	104	10.8
o-Xylene	65.5	5.2
Total BTEX	749 ✓	

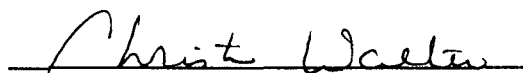
ND - Parameter not detected at the stated detection limit.

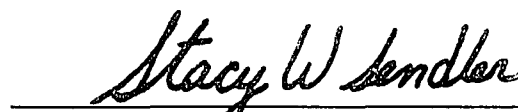
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

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

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

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:	0309-TPH QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

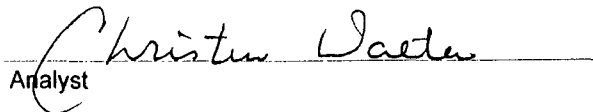
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	91.2	90.9	0.3%	0 - 30%
Diesel Range C10 - C28	8.7	8.7	0.0%	0 - 30%

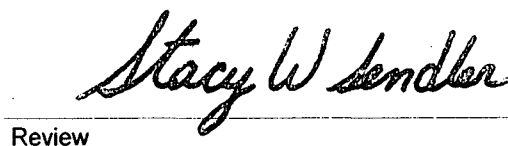
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	91.2	250	341	100%	75 - 125%
Diesel Range C10 - C28	8.7	250	258	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E761 - E770.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-09-BTEX QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	401	386	3.6%	0 - 30%	8.8
Toluene	462	443	4.1%	0 - 30%	8.4
Ethylbenzene	42.0	40.3	4.0%	0 - 30%	7.6
p,m-Xylene	324	311	3.9%	0 - 30%	10.8
o-Xylene	89.4	86.4	3.4%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	401	50.0	450	100%	39 - 150
Toluene	462	50.0	512	100%	46 - 148
Ethylbenzene	42.0	50.0	92.0	100%	32 - 160
p,m-Xylene	324	100.0	423	100%	46 - 148
o-Xylene	89.4	50.0	139	100%	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 E761 - E770.


Analyst


Review

CHAIN OF CUSTODY RECORD

6727

Client / Project Name ENVIROTECH - LANDFARM 2, UNIT 5			Project Location HILLTOP, N.M.		ANALYSIS / PARAMETERS				
Sampler: MARC WEBSTER			Client No. 1020025 JWS		Remarks				
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015	8021		
A-20	3-1-99	11:00	E7161	Soil	1	✓	✓		
B-20	3-1-99	11:20	E7162	Soil	1	✓	✓		
C-20	3-1-99	11:45	E7163	Soil	1	✓	✓		
D-20	3-1-99	12:05	E7164	Soil	1	✓	✓		
E-20	3-1-99	12:25	E7165	Soil	1	✓	✓		
F-20	3-1-99	13:45	E7166	Soil	1	✓	✓		
G-20	3-1-99	14:10	E7167	Soil	1	✓	✓		
H-20	3-1-99	14:25	E7168	Soil	1	✓	✓		
I-20	3-1-99	14:55	E7169	Soil	1	✓	✓		
J-20	3-1-99	15:15	E770	Soil	1	✓	✓		
Relinquished by: (Signature) <i>Marc Webster</i>			Date 3-3-99	Time 7:15	Received by: (Signature) <i>Christine Dacosta</i>		Date 3-3-99	Time 7:15	
Relinquished by: (Signature)					Received by: (Signature)				
Relinquished by: (Signature)					Received by: (Signature)				

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV.
P.O. Box 2088

Date: 6.7.99

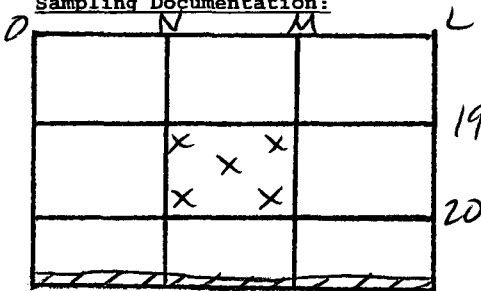
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
JENNIE BUNNIE	11.16.95	BTLE Well # 1	Meter # 02411 separator or Dehy, P. 7	28
	11.16.95	Gas Com B # 1A	" " 90028 " "	184

Sampling Documentation:



Landfarm #2, UNIT 5

Cell(s): M-19

Sample Date: 3/2/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell M-19/F098	PASS	.0485	.228	3.1

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	M - 19	Date Reported:	03-12-99
Laboratory Number:	E774	Date Sampled:	03-02-99
Chain of Custody:	6730	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-11-99
Preservative:	Cool	Date Extracted:	03-03-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	48.5	8.8
Toluene	35.3	8.4
Ethylbenzene	15.6	7.6
p,m-Xylene	82.4	10.8
o-Xylene	45.7	5.2
Total BTEX	228	

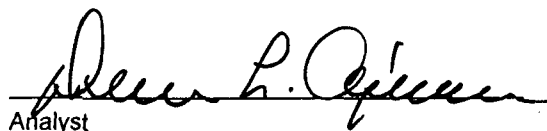
ND - Parameter not detected at the stated detection limit.

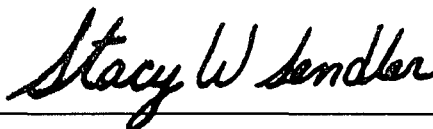
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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: Hilltop, NM., Landfarm 2, Unit 5,


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

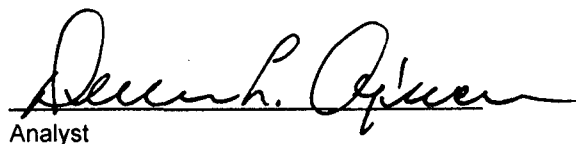
Client:	Envirotech	Project #:	102005
Sample ID:	M - 19	Date Reported:	03-12-99
Laboratory Number:	E774	Date Sampled:	03-02-99
Chain of Custody No:	6730	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.3	0.2
Diesel Range (C10 - C28)	0.8	0.1
Total Petroleum Hydrocarbons	3.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Hilltop, NM. Landfarm 2, Unit 5.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-11-BTEX QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	134	135	0.1%	0 - 30%	8.8
Toluene	148	147	0.3%	0 - 30%	8.4
Ethylbenzene	62.0	61.8	0.3%	0 - 30%	7.6
p,m-Xylene	276	275	0.1%	0 - 30%	10.8
o-Xylene	134	135	0.4%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	134	50.0	184	100%	39 - 150
Toluene	148	50.0	198	100%	46 - 148
Ethylbenzene	62.0	50.0	112	100%	32 - 160
p,m-Xylene	276	100.0	375	100%	46 - 148
o-Xylene	134	50.0	184	100%	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 E771 - E778 and E787.


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:	03-11-TPH QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

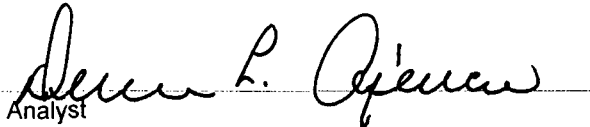
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1.8	1.8	0.0%	0 - 30%
Diesel Range C10 - C28	0.3	0.3	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.8	250	251	100%	75 - 125%
Diesel Range C10 - C28	0.3	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E771 - E778 and E787.


Analyst


Review

CHAIN OF CUSTODY RECORD

6730

Client / Project Name ENVIROTECH / LANDFARM E, UNIT-5				Project Location HILLTOP, N.M.				ANALYSIS / PARAMETERS							
Sampler: MARK WEBSTER				Client No. 1020085				Remarks							
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers										
K-20	3-1-99	15:50	E771	Soil	1	✓	✓								
L-20	3-1-99	16:10	E772	Soil	1	✓	✓								
M-20	3-1-99	16:25	E773	Soil	1	✓	✓								
M-19	3-2-99	14:15	E774	Soil	1	✓	✓								
L-19	3-2-99	14:30	E775	Soil	1	✓	✓								
K-19	3-2-99	14:55	E776	Soil	1	✓	✓								
J-19	3-2-99	15:15	E777	Soil	1	✓	✓								
I-19	3-2-99	16:30	E778	Soil	1	✓	✓								
Relinquished by: (Signature) <i>Mark Webster</i>				Date	Time	Received by: (Signature) <i>Unit Data</i>		Date	Time						
Relinquished by: (Signature)						Received by: (Signature)									
Relinquished by: (Signature)						Received by: (Signature)									

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999

OIL CON. DIV
PORT 2

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
EPNG 96033	11-2-95	K-31	LD Line Drop	126

Sampling Documentation:

Landfarm # 2, unit 5 Cell(s): M-20
Sample Date: 3/1/97 Sampler: AW
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell M-20/F098	Pass	.0196	.291	1.9

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

NMOCD Santa Fe
...Harlan\Form\ocddms

Date _____

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: M - 20
Laboratory Number: E773
Chain of Custody: 6730
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 102005
Date Reported: 03-12-99
Date Sampled: 03-01-99
Date Received: 03-03-99
Date Analyzed: 03-11-99
Date Extracted: 03-03-99
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	19.6	8.8
Toluene	22.6	8.4
Ethylbenzene	27.5	7.6
p,m-Xylene	94.5	10.8
o-Xylene	127	5.2
Total BTEX	291	

ND - Parameter not detected at the stated detection limit.

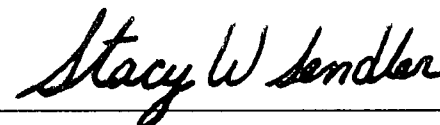
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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: Hilltop, NM., Landfarm 2, Unit 5,


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

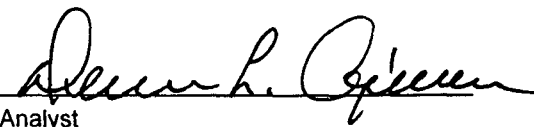
Client:	Envirotech	Project #:	102005
Sample ID:	M - 20	Date Reported:	03-12-99
Laboratory Number:	E773	Date Sampled:	03-01-99
Chain of Custody No:	6730	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.6	0.2
Diesel Range (C10 - C28)	0.3	0.1
Total Petroleum Hydrocarbons	1.9	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: Hilltop, NM. Landfarm 2, Unit 5.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-11-BTEX QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

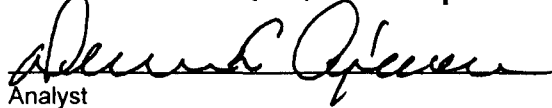
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	134	135	0.1%	0 - 30%	8.8
Toluene	148	147	0.3%	0 - 30%	8.4
Ethylbenzene	62.0	61.8	0.3%	0 - 30%	7.6
p,m-Xylene	276	275	0.1%	0 - 30%	10.8
o-Xylene	134	135	0.4%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	134	50.0	184	100%	39 - 150
Toluene	148	50.0	198	100%	46 - 148
Ethylbenzene	62.0	50.0	112	100%	32 - 160
p,m-Xylene	276	100.0	375	100%	46 - 148
o-Xylene	134	50.0	184	100%	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 E771 - E778 and E787.


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:	03-11-TPH QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

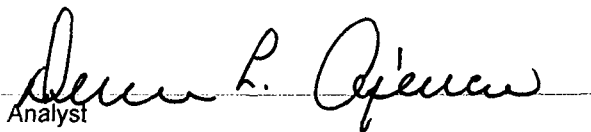
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1.8	1.8	0.0%	0 - 30%
Diesel Range C10 - C28	0.3	0.3	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.8	250	251	100%	75 - 125%
Diesel Range C10 - C28	0.3	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E771 - E778 and E787.


Analyst


Review

CHAIN OF CUSTODY RECORD

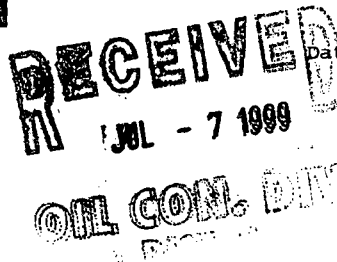
6730

Client / Project Name			Project Location			ANALYSIS / PARAMETERS													
ENVIROTECH / LANDFARM 2, UNIT 5			HILLTOP, N.M.																
Sampler: MARK WEBSTER			Client No. 1020085																
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks													
K-20	3-1-99	15:50	E771	Soil	1	✓	✓												
L-20	3-1-99	16:10	E772	Soil	1	✓	✓												
M-20	3-1-99	16:25	E773	Soil	1	✓	✓												
M-19	3-2-99	14:15	E774	Soil	1	✓	✓												
L-19	3-2-99	14:30	E775	Soil	1	✓	✓												
K-19	3-2-99	14:55	E776	Soil	1	✓	✓												
J-19	3-2-99	15:15	E777	Soil	1	✓	✓												
I-19	3-2-99	16:30	E778	Soil	1	✓	✓												
Relinquished by: (Signature) <i>Mark Webster</i>			Date 3-3-99	Time 7:20	Received by: (Signature) <i>Mark Webster</i>			Date 3-3-99	Time 7:20										
Relinquished by: (Signature)						Received by: (Signature)													
Relinquished by: (Signature)						Received by: (Signature)													
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615																			
Sample Receipt <table border="1"> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>												Received Intact	Y	N	N/A	Cool - Ice/Blue Ice	✓		
Received Intact	Y	N	N/A																
Cool - Ice/Blue Ice	✓																		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504



Date: 6.7.99

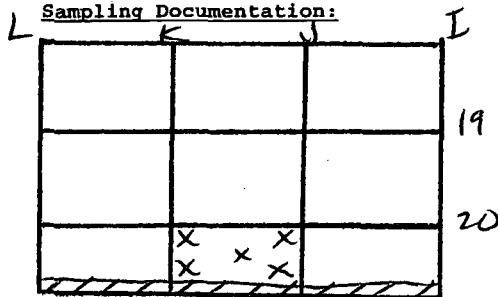
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EL Paso	4.15.95	Charley Pahr	Meter # 71531 Separator, or Dehy. Pit	45

Sampling Documentation:



Landfarm # 2, UNIT 5 Cell(s): J-20
Sample Date: 3/1/99 Sampler: CMW
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-20/F098	Pass	.102	.869	74.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

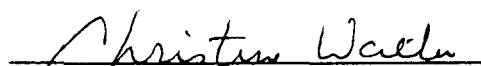
Client:	Envirotech	Project #:	102005
Sample ID:	J- 20	Date Reported:	03-10-99
Laboratory Number:	E770	Date Sampled:	03-01-99
Chain of Custody No:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	71.2	0.2
Diesel Range (C10 - C28)	3.3	0.1
Total Petroleum Hydrocarbons	74.5 ✓	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 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	J - 20	Date Reported:	03-10-99
Laboratory Number:	E770	Date Sampled:	03-01-99
Chain of Custody:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-09-99
Preservative:	Cool	Date Extracted:	03-03-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	102 ✓	8.8
Toluene	602	8.4
Ethylbenzene	42.3	7.6
p,m-Xylene	94.9	10.8
o-Xylene	28.3	5.2
Total BTEX	869 ✓	

ND - Parameter not detected at the stated detection limit.

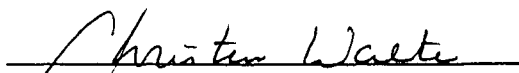
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

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

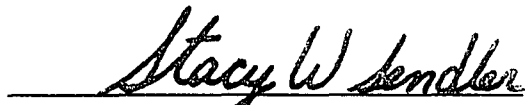
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Landfarm 2 Unit 5. Closure Samples.

Analyst


Christopher W. Weller

Review


Stacy W. Sandler

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

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:	0309-TPH QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

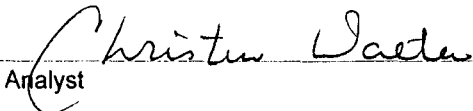
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	91.2	90.9	0.3%	0 - 30%
Diesel Range C10 - C28	8.7	8.7	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	91.2	250	341	100%	75 - 125%
Diesel Range C10 - C28	8.7	250	258	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E761 - E770.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-09-BTEX QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

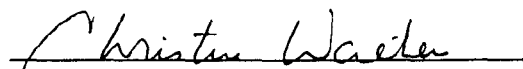
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	401	386	3.6%	0 - 30%	8.8
Toluene	462	443	4.1%	0 - 30%	8.4
Ethylbenzene	42.0	40.3	4.0%	0 - 30%	7.6
p,m-Xylene	324	311	3.9%	0 - 30%	10.8
o-Xylene	89.4	86.4	3.4%	0 - 30%	5.2

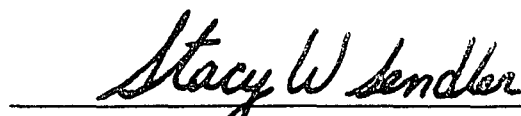
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	401	50.0	450	100%	39 - 150
Toluene	462	50.0	512	100%	46 - 148
Ethylbenzene	42.0	50.0	92.0	100%	32 - 160
p,m-Xylene	324	100.0	423	100%	46 - 148
o-Xylene	89.4	50.0	139	100%	46 - 148

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 E761 - E770.


Analyst


Review

CHAIN OF CUSTODY RECORD

6727

Client / Project Name ENVIROTECH - LAWRENCE, UNIT 5				Project Location HURLEY, N.M.				ANALYSIS / PARAMETERS											
Sampler: MARK WEBSTER				Client No. 10200A5 JWJ				Remarks											
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers														
A-20	3-1-99	11:00	E7161	Soil	8015	8021													
B-20	3-1-99	11:20	E7162	Soil	1	✓	✓												
C-20	3-1-99	11:45	E7163	Soil	1	✓	✓												
D-20	3-1-99	12:05	E7164	Soil	1	✓	✓												
E-20	3-1-99	12:25	E7165	Soil	1	✓	✓												
F-20	3-1-99	13:45	E7166	Soil	1	✓	✓												
G-20	3-1-99	14:10	E7167	Soil	1	✓	✓												
H-20	3-1-99	14:25	E7168	Soil	1	✓	✓												
I-20	3-1-99	14:55	E7169	Soil	1	✓	✓												
J-20	3-1-99	15:15	E770	Soil	1	✓	✓												
Relinquished by: (Signature) <i>Mark Webster</i>				Date 3-3-99	Time 7:15	Received by: (Signature) <i>Christina Docton</i>		Date 3-3-99	Time 7:15										
Relinquished by: (Signature)						Received by: (Signature)													
Relinquished by: (Signature)						Received by: (Signature)													
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615										Sample Receipt <table border="1"> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>		Received Intact	Y	N	N/A	Cool - Ice/Blue Ice	✓		
Received Intact	Y	N	N/A																
Cool - Ice/Blue Ice	✓																		

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6/4/99

OIL CON. DIV.
DIST. 3

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EL Paso	12/4/95	Florence #11	Meter # 94403 Separator Dehy. Pt	40
	12/5/95	N.E.B.U. #5A	Meter # 89565 Separator or Dehy Pt	270
	12/5/95	Likins Gas Com #C-1	Meter # 72413 " "	100

Sampling Documentation:

D	C	B	A
		X	X
		X	X
		X	X

Landfarm # 2, UNIT 5 Cell(s): A-16
Sample Date: 5/3/99 Sampler: Donald
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell A-16/F098	Pass	.0152	.261	0.7

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Martyn J. Kief*
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

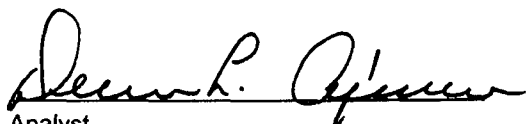
Client:	Envirotech	Project #:	102005
Sample ID:	Cell A - 16	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	05-03-99
Chain of Custody No:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-05-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.7	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.7	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5. 5 Pt. Composite Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell A - 16	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	05-03-99
Chain of Custody:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-05-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	15.2	8.8
Toluene	16.4	8.4
Ethylbenzene	15.7	7.6
p,m-Xylene	151	10.8
o-Xylene	63.6	5.2
Total BTEX	261	

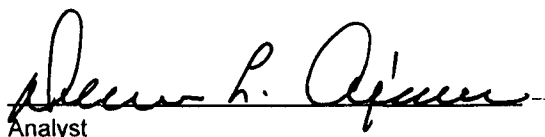
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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. 5 Pt. Composite Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-05-TPH QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

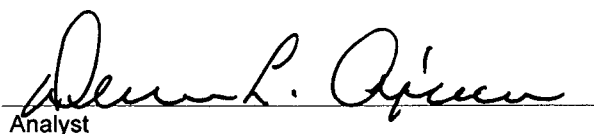
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	0.7	0.7	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

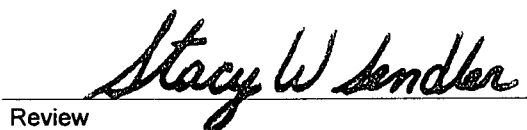
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	0.7	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F098 - F107.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-05-BTEX QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

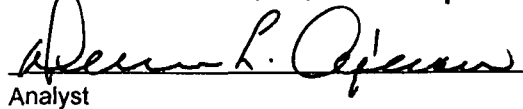
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	15.2	15.3	0.7%	0 - 30%	8.8
Toluene	16.4	16.5	0.6%	0 - 30%	8.4
Ethylbenzene	15.7	15.7	0.0%	0 - 30%	7.6
p,m-Xylene	151	151	0.0%	0 - 30%	10.8
o-Xylene	63.6	64.2	0.9%	0 - 30%	5.2

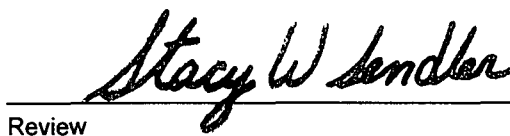
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	15.2	50.0	65.2	100%	39 - 150
Toluene	16.4	50.0	66.4	100%	46 - 148
Ethylbenzene	15.7	50.0	65.7	100%	32 - 160
p,m-Xylene	151	100.0	250	100%	46 - 148
o-Xylene	63.6	50.0	114	100%	46 - 148

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 F098 - F107.


Analyst


Review

CHAIN OF CUSTODY RECORD

6850

Client / Project Name		Project Location		ANALYSIS / PARAMETERS							
Envirotech		Landfarm 2-5 unit									
Sampler: Circle: Don't		Client No. 91020-05									
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Box	100g	Remarks			
Cell A-16	5.3.99	10:25	F098	Soil	1	✓	✓	Spt. Closure Samples			
Cell B-16	1	10:30	F099		1	✓	✓				
Cell C-16	1	10:45	F100		1	✓	✓				
Cell D-16		10:50	F101		1	✓	✓				
Cell E-16		11:20	F102		1	✓	✓				
Cell F-16		11:10	F103		1	✓	✓				
Cell G-16		11:20	F104		1	✓	✓				
Cell H-16		11:30	F105		1	✓	✓				
Cell I-16		11:40	F106		1	✓	✓				
Cell J-16		11:50	F107		1	✓	✓				
Relinquished by: (Signature) Mike Maceta		Date	Time	Received by: (Signature) [Signature]							
Relinquished by: (Signature)		5.3.99	15:10	Received by: (Signature)							
Relinquished by: (Signature)											
Relinquished by: (Signature)											
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615											
Sample Receipt											
Received Intact										Y	
Cool - Ice/Blue Ice										N	
										N/A	

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED

JUL - 7 1999

OIL CON. DIV.
DIST. 3

Date: 6/4/99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EL PADO	12/5/95	Likins Gas Com #C-1	Meter # 72413 Separator or Drying Pit	60
	2/2/96	Mask Energy Services	from a Blending Form	30
E.P.F.S. 96003-10	7/1/96	Cindrith Plant		20

Sampling Documentation:

D	C	B	A
		X	X
		X	X
		X	X

Landfarm # 2, UNITS Cell(s): A-17
Sample Date: 5/3/99 Sampler: Donald
Type: 5 Point Composite Analysis Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell A-17/F098	<u>Pass</u>	<u>.0359</u>	<u>.384</u>	<u>1.4</u>

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell A - 17	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	05-03-99
Chain of Custody:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-16-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	35.9	8.8
Toluene	21.4	8.4
Ethylbenzene	23.2	7.6
p,m-Xylene	207	10.8
o-Xylene	97.0	5.2
Total BTEX	384	

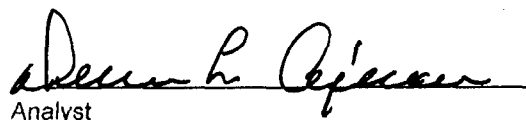
ND - Parameter not detected at the stated detection limit.

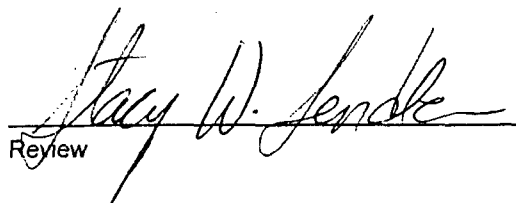
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

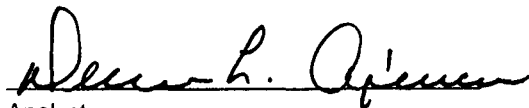
Client:	Envirotech	Project #:	102005
Sample ID:	Cell A - 17	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	05-03-99
Chain of Custody No:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

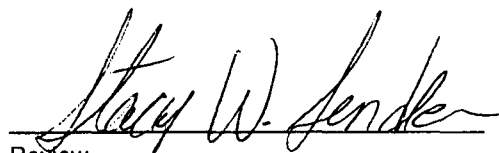
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.4	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	1.4	0.2

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 2 Unit 5 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-16-TPH QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	4.4525E-002	4.4401E-002	0.28%	0 - 15%
Diesel Range C10 - C28	03-15-99	4.1817E-002	4.1709E-002	0.26%	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

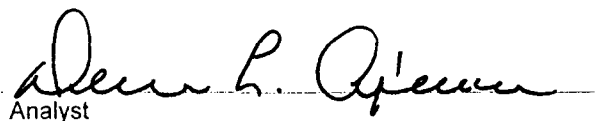
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1.4	1.4	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.4	250	251	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F108 - F117.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-16-BTEX QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
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	4.5104E-002	4.5212E-002	0.2%	ND	0.2
Toluene	2.2820E-002	2.2861E-002	0.2%	ND	0.2
Ethylbenzene	3.1405E-002	3.1471E-002	0.2%	ND	0.2
p,m-Xylene	3.1037E-002	3.1115E-002	0.3%	ND	0.2
o-Xylene	2.9125E-002	2.9175E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	35.9	35.7	0.6%	0 - 30%	8.8
Toluene	21.4	21.2	0.9%	0 - 30%	8.4
Ethylbenzene	23.2	23.0	0.9%	0 - 30%	7.6
p,m-Xylene	207	205	0.8%	0 - 30%	10.8
o-Xylene	97.0	96.8	0.2%	0 - 30%	5.2

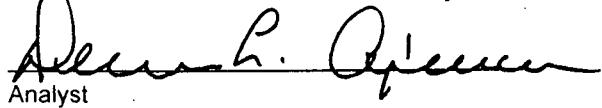
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	35.9	50.0	85.8	100%	39 - 150
Toluene	21.4	50.0	71.4	100%	46 - 148
Ethylbenzene	23.2	50.0	73.2	100%	32 - 160
p,m-Xylene	207	100.0	307	100%	46 - 148
o-Xylene	97.0	50.0	147	100%	46 - 148

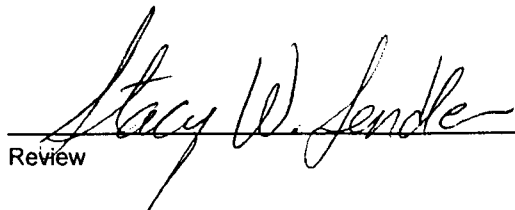
ND - Parameter not detected at the stated detection limit.

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 F108 - F117.


Analyst


Review

CHAIN OF CUSTODY RECORD

6851

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																			
Envirotech		Landform 2 Units																					
Sampler:		Client No.																					
Cicillo - Donald		91020-05																					
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btex	8015				Remarks												
Cell A-17	5:39	10:20	F108	Soil	1	✓	✓				5pl Closure Samples												
Cell A-17		10:35	F109		1	✓	✓																
Cell A-17		10:40	F110		1	✓	✓																
Cell A-17		10:55	F111		1	✓	✓																
Cell E-17		11:15	F112		1	✓	✓																
Cell F-17		11:25	F113		1	✓	✓																
Cell G-17		11:35	F114		1	✓	✓																
Cell H-17		11:45	F115		1	✓	✓																
Cell T-17		11:45	F116		1	✓	✓																
Cell J-17		11:50	F117		1	✓	✓																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Christina Warden		5:39		15:15		Received by: (Signature)		5.3.99		15:15													
Relinquished by: (Signature)						Received by: (Signature)																	
Relinquished by: (Signature)						Received by: (Signature)																	
Sample Receipt																							
<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td>✓</td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>												Y	N	N/A	✓			Received Intact	✓		Cool - Ice/Blue Ice	✓	
Y	N	N/A																					
✓																							
Received Intact	✓																						
Cool - Ice/Blue Ice	✓																						

ENVIROTECH INC.

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date : 6/4/99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
E.P.F.S. 96003-10	6/27/96 6/28/96	Lindrith Plant		140
E.P.F.S. 96003-07	7/10/96	Lindrith Plant	Lined Pond	60
" "	7/19/96	Lindrith Plant	Blended Facility	160

Sampling Documentation:

D	C	B	A
		X	X
		X	X
		X	X

Landfarm # 2, UNIT 5

Cell(s): A-18

Sample Date: 4/2/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell A-18/F018	Pass	10229	244	2.3

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	A - 18	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	04-02-99
Chain of Custody:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Analyzed:	04-08-99
Preservative:	Cool	Date Extracted:	04-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	22.9	8.8
Toluene	47.2	8.4
Ethylbenzene	24.5	7.6
p,m-Xylene	107	10.8
o-Xylene	42.7	5.2
Total BTEX	244	

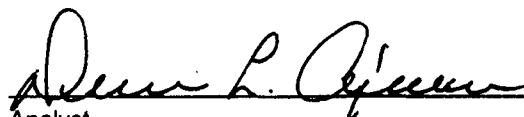
ND - Parameter not detected at the stated detection limit.

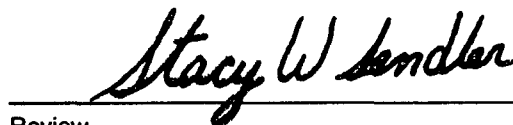
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

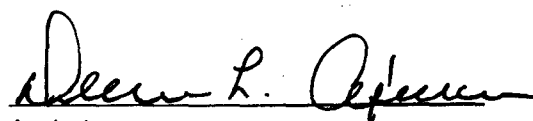
Client:	Envirotech	Project #:	102005
Sample ID:	A - 18	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	04-02-99
Chain of Custody No:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Extracted:	04-05-99
Preservative:	Cool	Date Analyzed:	04-08-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.1	0.2
Diesel Range (C10 - C28)	0.2	0.1
Total Petroleum Hydrocarbons	2.3	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, Unit 5 Closure Samples.


Analyst


Review

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-08-BTEX QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	Sample	Blank	Detect. Limit	Blank Conc	Detect Limit
	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Benzene	2.0482E-002	2.0478E-002	0.1%	ND	0.2
Toluene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
Ethylbenzene	2.7418E-002	2.7457E-002	0.2%	ND	0.2
p,m-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1
o-Xylene					

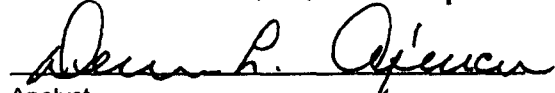
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	22.9	23.1	0.9%	0 - 30%	8.8
Toluene	47.2	47.4	0.4%	0 - 30%	8.4
Ethylbenzene	24.5	24.7	0.8%	0 - 30%	7.6
p,m-Xylene	107	108	0.7%	0 - 30%	10.8
o-Xylene	42.7	43.2	1.2%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovered	Accept Range
Benzene	22.9	50.0	72.9	100%	39 - 150
Toluene	47.2	50.0	97.2	100%	46 - 148
Ethylbenzene	24.5	50.0	74.5	100%	32 - 160
p,m-Xylene	107	100.0	207	100%	46 - 148
o-Xylene	42.7	50.0	92.7	100%	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 E949 - E958.


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:	04-08-TPH QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis Requested:	TPH

	Lab Date	Lab RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

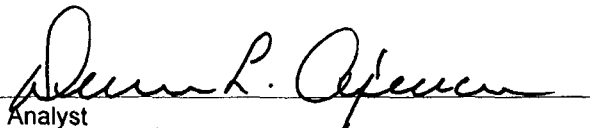
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	2.1	2.1	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	2.1	250	252	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E949 - E958.


Analyst


Review

CHAIN OF CUSTODY RECORD

6823

Client / Project Name ENVIROTECH			Project Location LANDFARM 2, UNIT 5			ANALYSIS / PARAMETERS														
Sampler: Mark Webster			Client No. 102005			No. of Containers		80LS TPH		BTEX		Remarks Closure Samples								
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	80LS TPH	BTEX													
A-18	4-2-99	15:15	E949	Soil	1	✓	✓													
B-18	4-2-99	15:00	E950	Soil	1	✓	✓													
A-19	4-2-99	14:45	E951	Soil	1	✓	✓													
B-19	4-2-99	14:30	E952	Soil	1	✓	✓													
2-19	4-2-99	14:15	E953	Soil	1	✓	✓													
D-19	4-2-99	14:00	E954	Soil	1	✓	✓													
F-19	4-2-99	10:45	E955	Soil	1	✓	✓													
E-19	4-2-99	10:30	E956	Soil	1	✓	✓													
H-19	4-2-99	10:00	E957	Soil	1	✓	✓													
G-19	4-2-99	10:15	E958	Soil	1	✓	✓													
Relinquished by: (Signature) <i>Mark Webster</i>			Date 4-2-99	Time 17:15	Received by: (Signature) <i>Prateek Bhatia</i>			Date 4-2-99	Time 17:15											
Relinquished by: (Signature)						Received by: (Signature)														
Relinquished by: (Signature)						Received by: (Signature)														
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 <table border="1"> <tr> <th colspan="3">Sample Receipt</th> </tr> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>												Sample Receipt			Received Intact	Y	N	Cool - Ice/Blue Ice	✓	
Sample Receipt																				
Received Intact	Y	N																		
Cool - Ice/Blue Ice	✓																			

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6/4/99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
73124-08	2/8/96	Kutz Plant		96
El Paso 75033	2/9/96			24
E.P.F.S. 96003-10	6/27/96	Lindrith Plant		80
EP.F.S. 96003-07	7/1/96			22
	7/2/96	EPFS Chaco Plant		

Sampling Documentation:

		X	X	
			X	
		X	X	

Landfarm # 2, UNIT 5

Cell(s): A-19

Sample Date: 4/2/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell A-19/F098	PASS	.0195	.199	25.0

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\form\ocddms

Date 1/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	A - 19	Date Reported:	04-08-99
Laboratory Number:	E951	Date Sampled:	04-02-99
Chain of Custody:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Analyzed:	04-08-99
Preservative:	Cool	Date Extracted:	04-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	19.5	8.8
Toluene	28.5	8.4
Ethylbenzene	15.7	7.6
p,m-Xylene	93.9	10.8
o-Xylene	41.3	5.2
Total BTEX	199	

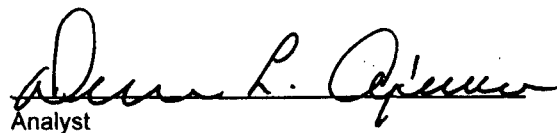
ND - Parameter not detected at the stated detection limit.

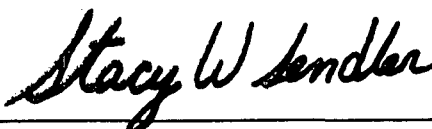
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: A - 19
Laboratory Number: E951
Chain of Custody No: 6823
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

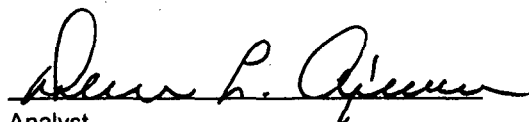
Project #: 102005
Date Reported: 04-08-99
Date Sampled: 04-02-99
Date Received: 04-02-99
Date Extracted: 04-05-99
Date Analyzed: 04-08-99
Analysis Requested: 8015 TPH

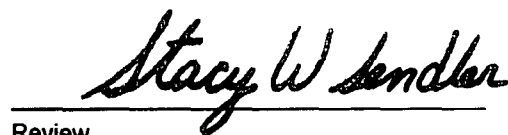
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.2	0.2
Diesel Range (C10 - C28)	22.8	0.1
Total Petroleum Hydrocarbons	25.0	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5 Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-08-BTEX QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)				Blank Conc	Detect Limit
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0482E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7418E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4802E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	% Diff	Accept Range	Detect Limit
Benzene	22.9	23.1	0.9%	0 - 30%	8.8
Toluene	47.2	47.4	0.4%	0 - 30%	8.4
Ethylbenzene	24.5	24.7	0.8%	0 - 30%	7.6
p,m-Xylene	107	108	0.7%	0 - 30%	10.8
o-Xylene	42.7	43.2	1.2%	0 - 30%	5.2

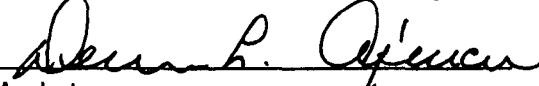
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	22.9	50.0	72.9	100%	39 - 150
Toluene	47.2	50.0	97.2	100%	46 - 148
Ethylbenzene	24.5	50.0	74.5	100%	32 - 160
p,m-Xylene	107	100.0	207	100%	46 - 148
o-Xylene	42.7	50.0	92.7	100%	46 - 148

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 E949 - E958.


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:	04-08-TPH QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis Requested:	TPH

	PCal Data	PCal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

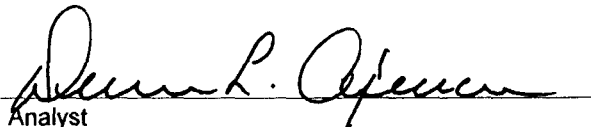
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	2.1	2.1	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

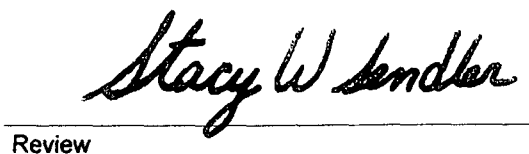
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	2.1	250	252	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E949 - E958.


Analyst


Review

CHAIN OF CUSTODY RECORD

6823

Client / Project Name ENVIROTECH			Project Location LANDFARM 2, UNIT 5			ANALYSIS / PARAMETERS														
Sampler: MARCO DEBASTER			Client No. 102005			No. of Containers			Remarks											
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix		8015 TPH	BTEX				CLOSURE SAMPLES									
A-18	4-2-99	15:15	E949	SOIL		✓	✓													
B-18	4-2-99	15:00	E950	SOIL		✓	✓													
A-19	4-2-99	14:45	E951	SOIL		✓	✓													
B-19	4-2-99	14:30	E952	SOIL		✓	✓													
C-19	4-2-99	14:15	E953	SOIL		✓	✓													
D-19	4-2-99	14:00	E954	SOIL		✓	✓													
F-19	4-2-99	10:45	E955	SOIL		✓	✓													
E-19	4-2-99	10:30	E956	SOIL		✓	✓													
H-19	4-2-99	10:00	E957	SOIL		✓	✓													
G-19	4-2-99	10:15	E958	SOIL		✓	✓													
Relinquished by: (Signature) <i>Mark C. DeBaster</i>			Date 4-2-99	Time 17:15	Received by: (Signature) <i>Christina H. DeBaster</i>			Date 4-2-99	Time 17:15											
Relinquished by: (Signature)						Received by: (Signature)														
Relinquished by: (Signature)						Received by: (Signature)														
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 <table border="1"> <tr> <th colspan="3">Sample Receipt</th> </tr> <tr> <td>Received Intact</td> <td>Y</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>												Sample Receipt			Received Intact	Y	N/A	Cool - Ice/Blue Ice	✓	
Sample Receipt																				
Received Intact	Y	N/A																		
Cool - Ice/Blue Ice	✓																			

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV.
DIST. 3

Date: 6/4/99

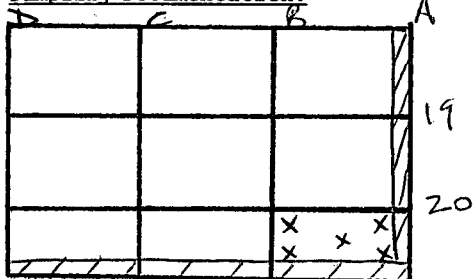
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
Meridian 93124-08	1/30/96 2/17/96	Kutz Plant		276

Sampling Documentation:



Landfarm # 2, UNIT 5

Cell(s): A-20

Sample Date: 3/1/99

Sampler: CMW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell A-20/F098	PASS	.401	1.318	100

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

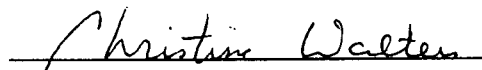
Client:	Envirotech	Project #:	102005
Sample ID:	A - 20	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	03-01-99
Chain of Custody No:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

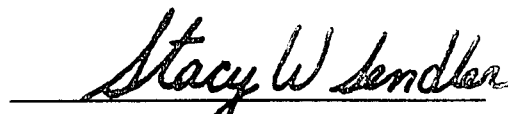
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	91.2	0.2
Diesel Range (C10 - C28)	8.7	0.1
Total Petroleum Hydrocarbons	100	0.2

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 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	A - 20	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	03-01-99
Chain of Custody:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-09-99
Preservative:	Cool	Date Extracted:	03-03-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	401	8.8
Toluene	462	8.4
Ethylbenzene	42.0	7.6
p,m-Xylene	324	10.8
o-Xylene	89.4	5.2
Total BTEX	1,318	

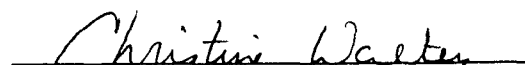
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

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:	0309-TPH QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

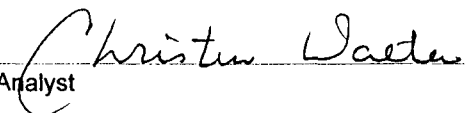
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	91.2	90.9	0.3%	0 - 30%
Diesel Range C10 - C28	8.7	8.7	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	91.2	250	341	100%	75 - 125%
Diesel Range C10 - C28	8.7	250	258	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E761 - E770.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-09-BTEX QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

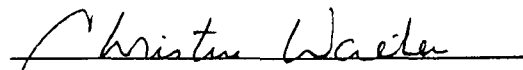
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	401	386	3.6%	0 - 30%	8.8
Toluene	462	443	4.1%	0 - 30%	8.4
Ethylbenzene	42.0	40.3	4.0%	0 - 30%	7.6
p,m-Xylene	324	311	3.9%	0 - 30%	10.8
o-Xylene	89.4	86.4	3.4%	0 - 30%	5.2

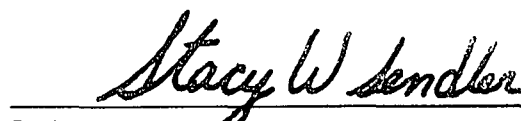
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	401	50.0	450	100%	39 - 150
Toluene	462	50.0	512	100%	46 - 148
Ethylbenzene	42.0	50.0	92.0	100%	32 - 160
p,m-Xylene	324	100.0	423	100%	46 - 148
o-Xylene	89.4	50.0	139	100%	46 - 148

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 E761 - E770.


Analyst


Review

CHAIN OF CUSTODY RECORD

6727

Client / Project Name ENVIROTECH - LAWRENCE, UNIT 5			Project Location HILLTOP, N.M.			ANALYSIS / PARAMETERS						
Sampler: Max Webster			Client No. 1020025 JWJ			No. of Containers			Remarks			
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix		8015	8021					
A-20	3-1-99	11:00	E7161	Soil	1	✓	✓					
B-20	3-1-99	11:20	E7162	Soil	1	✓	✓					
C-20	3-1-99	11:45	E7163	Soil	1	✓	✓					
D-20	3-1-99	12:05	E7164	Soil	1	✓	✓					
E-20	3-1-99	12:25	E7165	Soil	1	✓	✓					
F-20	3-1-99	13:45	E7166	Soil	1	✓	✓					
G-20	3-1-99	14:10	E7167	Soil	1	✓	✓					
H-20	3-1-99	14:25	E7168	Soil	1	✓	✓					
I-20	3-1-99	14:55	E7169	Soil	1	✓	✓					
J-20	3-1-99	15:15	E770	Soil	1	✓	✓					
Relinquished by: (Signature) <i>Max Webster</i>			Date 3-3-99	Time 7:15	Received by: (Signature) <i>Christina</i>	Date 3-3-99			Time 7:15			
Relinquished by: (Signature)			Received by: (Signature)									
Relinquished by: (Signature)			Received by: (Signature)									
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615												
Sample Receipt										Received Intact Cool - Ice/Blue Ice		
										Y	N	N/A
										✓		
										✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

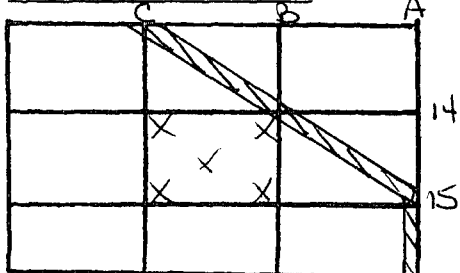
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
EPFS 96003	11.6.95	metered #1 E m/	meter 94495	144
" "	12.1.95	Valencia Gas Con	" 75199	20
" "	12.2.95	Lincoln Unit #64	" 71458	40
" "	12.2.95	Florence #111	" 94403	90

Sampling Documentation:



Landfarm # 2 Unit 5

Cell(s): B.14

Sample Date: 7.23.99

Sampler: KWCT

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell B.14/F711	Pass	0.0092	0.0704	NO

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Martinez J. Kelly*
...Harlan/Form\ocddms

Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell B - 14	Date Reported:	07-26-99
Laboratory Number:	F711	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

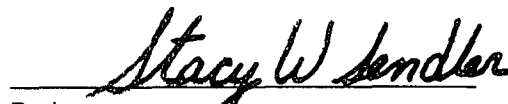
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell B - 14	Date Reported:	07-26-99
Laboratory Number:	F711	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	9.2	0.9
Toluene	1.6	0.8
Ethylbenzene	3.5	0.8
p,m-Xylene	46.8	1.1
o-Xylene	9.3	0.5
Total BTEX	70.4	

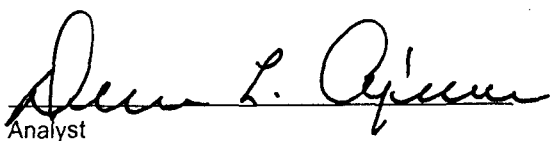
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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.


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:	07-26-TPH QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	06-17-99	8.9863E-002	8.9792E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	4.9143E-002	4.9064E-002	0.16%	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

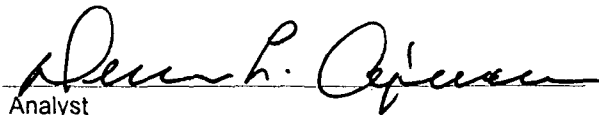
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

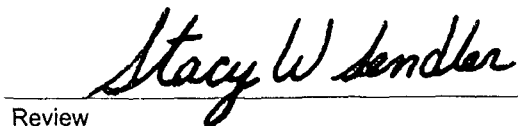
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F709 - F718.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-26-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

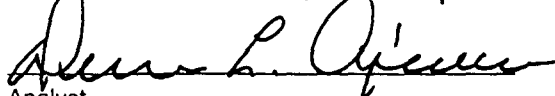
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	9.5	9.3	2.1%	0 - 30%	0.9
Toluene	21.0	20.4	2.9%	0 - 30%	0.8
Ethylbenzene	8.1	7.9	2.5%	0 - 30%	0.8
p,m-Xylene	31.4	30.6	2.5%	0 - 30%	1.1
o-Xylene	11.0	10.7	2.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.5	50.0	59.5	100%	39 - 150
Toluene	21.0	50.0	71.0	100%	46 - 148
Ethylbenzene	8.1	50.0	58.1	100%	32 - 160
p,m-Xylene	31.4	100.0	131	100%	46 - 148
o-Xylene	11.0	50.0	61.0	100%	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 F709 - F718.


Analyst


Review

CHAIN OF CUSTODY RECORD

7176

Client / Project Name		Project Location		ANALYSIS / PARAMETERS			
Enviro Tech		Land Farm 2 Unit 5					
Sample: <i>ku 3 CT</i>		Client No. <i>9102005</i>		Remarks			
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers		
Cell A-14	7-23-99	11:00	F709	Soil	✓	8015 TPH	BTEx
Cell A-15		11:00	F710		✓		
Cell B-14		11:04	F711		✓		
Cell B-15		11:05	F712		✓		
Cell C-14		11:10	F713		✓		
Cell C-15		11:10	F714		✓		
Cell D-14		11:20	F715		✓		
Cell D-15		11:20	F716		✓		
Cell E-14		11:30	F717		✓		
Cell E-15		11:30	F718		✓		
Relinquished by: (Signature) <i>[Signature]</i>		Date	Time	Received by: (Signature) <i>[Signature]</i>		Date	Time
		7-23-99	12:45			7-23-99	12:45
Relinquished by: (Signature)				Received by: (Signature)			
Relinquished by: (Signature)				Received by: (Signature)			

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

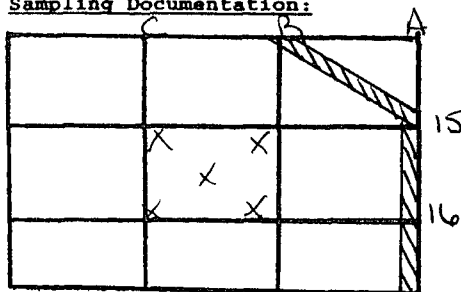
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
SPFS 96003-03	10.14.96	GCUCOM A #142E	63906	270

Sampling Documentation:



Landfarm # 2 Unit 5

Cell(s): B-15

Sample Date: 7.23.99

Sampler: KW: CT

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell B-15/F12	Pass	0.0085	0.259	1.1

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan/Form\ocddms

Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

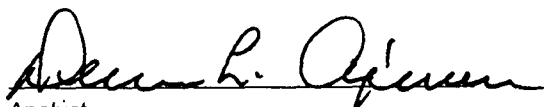
Client:	Envirotech	Project #:	102005
Sample ID:	Cell B - 15	Date Reported:	07-26-99
Laboratory Number:	F712	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.8	0.2
Diesel Range (C10 - C28)	0.3	0.1
Total Petroleum Hydrocarbons	1.1	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2, Unit 5.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell B - 15	Date Reported:	07-26-99
Laboratory Number:	F712	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	8.5	0.9
Toluene	15.0	0.8
Ethylbenzene	11.7	0.8
p,m-Xylene	189	1.1
o-Xylene	35.1	0.5
Total BTEX	259	

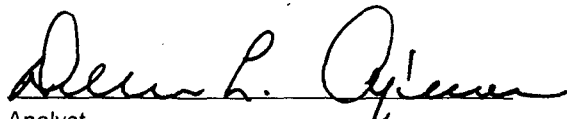
ND - Parameter not detected at the stated detection limit.

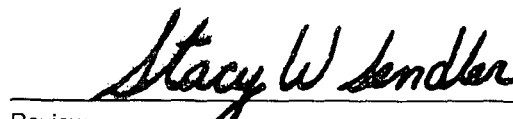
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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.


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:	07-26-TPH QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	8.9863E-002	8.9792E-002	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	4.9143E-002	4.9064E-002	0.16%	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

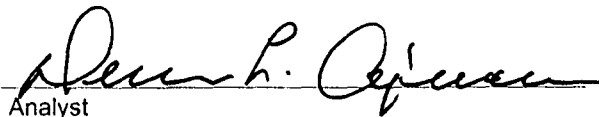
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

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

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F709 - F718.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-26-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

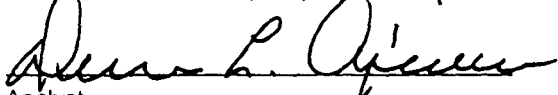
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	9.5	9.3	2.1%	0 - 30%	0.9
Toluene	21.0	20.4	2.9%	0 - 30%	0.8
Ethylbenzene	8.1	7.9	2.5%	0 - 30%	0.8
p,m-Xylene	31.4	30.6	2.5%	0 - 30%	1.1
o-Xylene	11.0	10.7	2.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.5	50.0	59.5	100%	39 - 150
Toluene	21.0	50.0	71.0	100%	46 - 148
Ethylbenzene	8.1	50.0	58.1	100%	32 - 160
p,m-Xylene	31.4	100.0	131	100%	46 - 148
o-Xylene	11.0	50.0	61.0	100%	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 F709 - F718.


Analyst


Review

CHAIN OF CUSTODY RECORD

7176

Client / Project Name			Project Location			ANALYSIS / PARAMETERS					
Enviro Tech			Land Farm 2 Unit 5								
Sampler: <i>Ku j CT</i>			Client No. <i>9102005</i>								
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks					
Cell A-14	7.23.99	11:00	F709	Soil	8015 TPH	BTEX					
Cell A-15		11:00	F710								
Cell B-14		11:04	F711								
Cell B-15		11:05	F712								
Cell C-14		11:10	F713								
Cell C-15		11:10	F714								
Cell D-14		11:20	F715								
Cell D-15		11:20	F716								
Cell E-14		11:30	F717								
Cell E-15		11:30	F718								
Relinquished by: (Signature) <i>[Signature]</i>			Date	Time	Received by: (Signature) <i>[Signature]</i>			Date	Time		
Relinquished by: (Signature) <i>[Signature]</i>			7.23.99	12:45	Received by: (Signature) <i>[Signature]</i>			7.23.99	12:45		
Relinquished by: (Signature)					Received by: (Signature)						
Relinquished by: (Signature)					Received by: (Signature)						

ENVIROTECH INC.

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

Sample Receipt			
Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

JUL - 7 1999

CON. DIV.
DIST. 3

Date: 6/4/99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
E.P.F.S 96003-03	10/11/96	Large Pig System	Drip y-1 LD262 Line Drip	144
E.P.F.S " "	10/14/96	GCH Com A #142E	09906	90

Sampling Documentation:

D	C	B	A
	X	X	
	X	X	

Landfarm # 2, UNIT 5 Cell(s): B-16
Sample Date: 5/3/99 Sampler: Donald & Chris 16
Type: 5 Point Composite Analysis Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell B-16/F098	Pass	.112	1.150	2.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

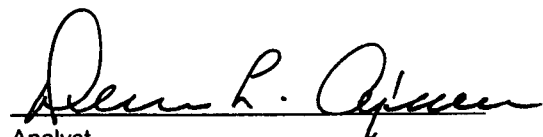
Client:	Envirotech	Project #:	102005
Sample ID:	Cell B - 16	Date Reported:	05-05-99
Laboratory Number:	F099	Date Sampled:	05-03-99
Chain of Custody No:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-05-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

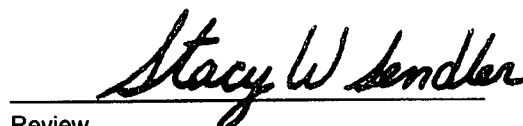
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.3	0.2
Diesel Range (C10 - C28)	0.3	0.1
Total Petroleum Hydrocarbons	2.6 ✓	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2, Unit 5. 5 Pt. Composite Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell B - 16	Date Reported:	05-05-99
Laboratory Number:	F099	Date Sampled:	05-03-99
Chain of Custody:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-05-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	112	8.8
Toluene	52.9	8.4
Ethylbenzene	205	7.6
p,m-Xylene	572	10.8
o-Xylene	212	5.2
Total BTEX	1,150	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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. 5 Pt. Composite Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-05-TPH QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

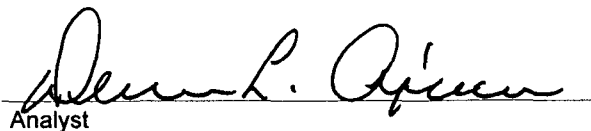
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	0.7	0.7	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

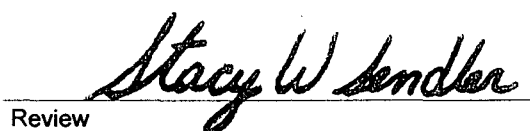
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	0.7	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F098 - F107.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-05-BTEX QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

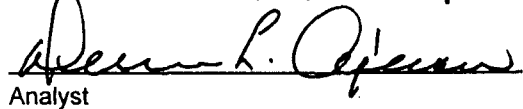
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	15.2	15.3	0.7%	0 - 30%	8.8
Toluene	16.4	16.5	0.6%	0 - 30%	8.4
Ethylbenzene	15.7	15.7	0.0%	0 - 30%	7.6
p,m-Xylene	151	151	0.0%	0 - 30%	10.8
o-Xylene	63.6	64.2	0.9%	0 - 30%	5.2

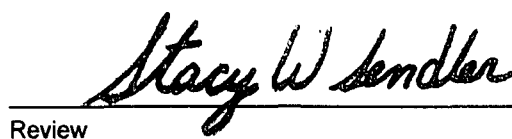
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	15.2	50.0	65.2	100%	39 - 150
Toluene	16.4	50.0	66.4	100%	46 - 148
Ethylbenzene	15.7	50.0	65.7	100%	32 - 160
p,m-Xylene	151	100.0	250	100%	46 - 148
o-Xylene	63.6	50.0	114	100%	46 - 148

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 F098 - F107.


Analyst


Review

CHAIN OF CUSTODY RECORD

6850

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																				
Envirotech		Landfarm 2-5 unit																						
Sampler: Cirilo: Donde		Client No. 91020-05																						
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers						Remarks													
Cell A-16	5-3-99	10:25	F098	Soil	1	✓	✓					Spt. Closure Samples												
Cell B-16		10:30	F099		1	✓	✓																	
Cell C-16		10:45	F100		1	✓	✓																	
Cell D-16		10:50	F101		1	✓	✓																	
Cell E-16		11:00	F102		1	✓	✓																	
Cell F-16		11:10	F103		1	✓	✓																	
Cell G-16		11:20	F104		1	✓	✓																	
Cell H-16		11:30	F105		1	✓	✓																	
Cell I-16		11:40	F106		1	✓	✓																	
Cell J-16		11:50	F107		1	✓	✓																	
Relinquished by: (Signature) <i>Maria Llorente</i>		Date	Time	Received by: (Signature) <i>Adrian B. Ojeda</i>																				
Relinquished by: (Signature)		5-3-99	15:10	Received by: (Signature)																				
Relinquished by: (Signature)		Received by: (Signature)																						
Relinquished by: (Signature)		Received by: (Signature)																						
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 <table border="1"> <thead> <tr> <th colspan="3">Sample Receipt</th> </tr> <tr> <th>Received Intact</th> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td>Received Intact</td> <td>✓</td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </tbody> </table>													Sample Receipt			Received Intact	Y	N	Received Intact	✓		Cool - Ice/Blue Ice	✓	
Sample Receipt																								
Received Intact	Y	N																						
Received Intact	✓																							
Cool - Ice/Blue Ice	✓																							

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV.
DIST. 2

Date: 6.7.99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-03	10.1.96	2C-15 LD	LD 266 Line Drip	108
EPFS 96003-03	10.2.96	2C-15 LD	LD 266 "	162

Sampling Documentation:

	X	X	
	X	X	

Landfarm # 2, UNITS

Cell(s): I-16

Sample Date: 5/3/99

Sampler: Donald C. C. C.

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell I-16/F098	Pass	.0114	.358	0.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

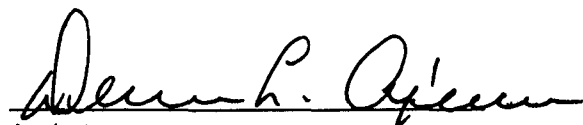
Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 16	Date Reported:	05-05-99
Laboratory Number:	F106	Date Sampled:	05-03-99
Chain of Custody No:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-05-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.6	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2, Unit 5. 5 Pt. Composite Closure Sample.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 16	Date Reported:	05-05-99
Laboratory Number:	F106	Date Sampled:	05-03-99
Chain of Custody:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-05-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	11.4	8.8
Toluene	ND	8.4
Ethylbenzene	16.9	7.6
p,m-Xylene	261	10.8
o-Xylene	68.9	5.2
Total BTEX	358	

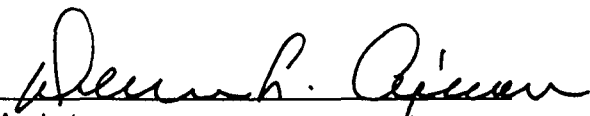
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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. 5 Pt. Composite Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-05-TPH QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

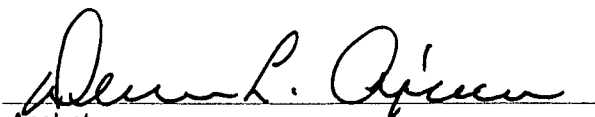
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	0.7	0.7	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

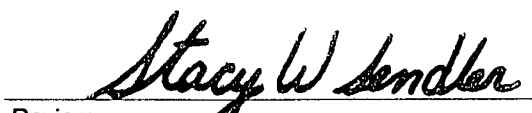
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	0.7	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F098 - F107.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-05-BTEX QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

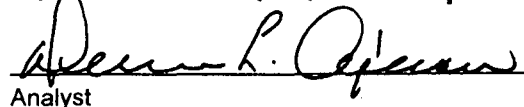
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	15.2	15.3	0.7%	0 - 30%	8.8
Toluene	16.4	16.5	0.6%	0 - 30%	8.4
Ethylbenzene	15.7	15.7	0.0%	0 - 30%	7.6
p,m-Xylene	151	151	0.0%	0 - 30%	10.8
o-Xylene	63.6	64.2	0.9%	0 - 30%	5.2

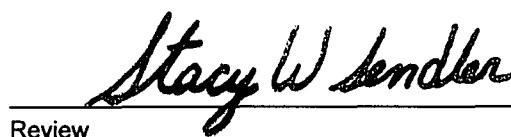
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	15.2	50.0	65.2	100%	39 - 150
Toluene	16.4	50.0	66.4	100%	46 - 148
Ethylbenzene	15.7	50.0	65.7	100%	32 - 160
p,m-Xylene	151	100.0	250	100%	46 - 148
o-Xylene	63.6	50.0	114	100%	46 - 148

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 F098 - F107.


Analyst


Review

CHAIN OF CUSTODY RECORD

6850

Client / Project Name			Project Location			ANALYSIS / PARAMETERS							
Envirotech			Landfarm 2-5 unit										
Sampler: <i>Cirilo: Donde</i> Client No. 91020-05									No. of Containers 8015		Remarks <i>Spt. Closure Samples</i>		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
Cell A-16	5.3.99	10:25	F098	Soil	1	✓	✓						
Cell B-16		10:30	F099		1	✓	✓						
Cell C-16		10:45	F100		1	✓	✓						
Cell D-16		10:50	F101		1	✓	✓						
Cell E-16		11:00	F102		1	✓	✓						
Cell F-16		11:10	F103		1	✓	✓						
Cell G-16		11:20	F104		1	✓	✓						
Cell H-16		11:30	F105		1	✓	✓						
Cell I-16		11:40	F106		1	✓	✓						
Cell J-16		11:50	F107		1	✓	✓						
Relinquished by: (Signature) <i>Maria L. Lacerda</i>			Date 5.3.99 15:10		Received by: (Signature) <i>Donde</i>			Date 5.3.99 15:10					
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615												Sample Receipt Received Intact ☒ Y ☐ N ☐ N/A Cool - Ice/Blue Ice ☒ ☐	

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW.

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

6.7.99
RECEIVED
JUL - 7 1999
OIL CON. DIV
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
No Material Recorded				

Sampling Documentation:

	X	X
	X	X
	X	X

17

18

Landfarm # 2 UNIT 5

Cell(s): I-17

Sample Date: 5/13/99

Sampler: Donald C. O.

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell I-17/F098	Pass	.0684	.518	1.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Martyn J. Kuf*
...Harlan\form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 17	Date Reported:	05-16-99
Laboratory Number:	F116	Date Sampled:	05-03-99
Chain of Custody:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-16-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	68.4	8.8
Toluene	57.5	8.4
Ethylbenzene	39.1	7.6
p,m-Xylene	271	10.8
o-Xylene	82.4	5.2
Total BTEX	518	

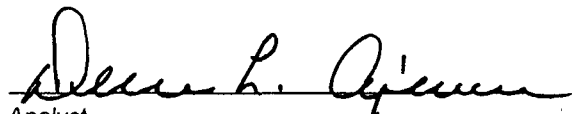
ND - Parameter not detected at the stated detection limit.

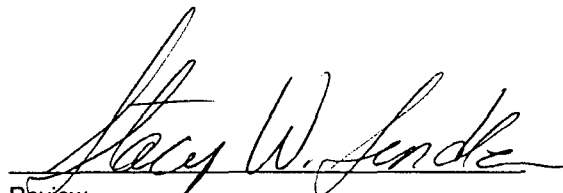
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

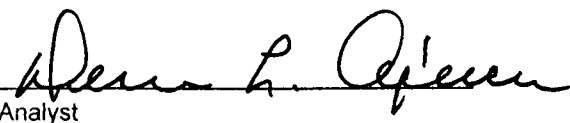
Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 17	Date Reported:	05-16-99
Laboratory Number:	F116	Date Sampled:	05-03-99
Chain of Custody No:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	1.5	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 5 Pt. Closure Sample.


Analyst


Review

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-16-TPH QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	4.4525E-002	4.4401E-002	0.28%	0 - 15%
Diesel Range C10 - C28	03-15-99	4.1817E-002	4.1709E-002	0.26%	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

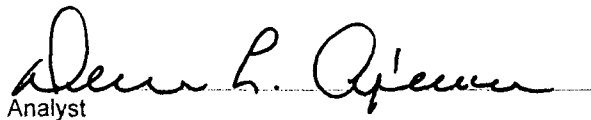
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	1.4	1.4	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	1.4	250	251	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F108 - F117.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-16-BTEX QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
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	4.5104E-002	4.5212E-002	0.2%	ND	0.2
Toluene	2.2820E-002	2.2861E-002	0.2%	ND	0.2
Ethylbenzene	3.1405E-002	3.1471E-002	0.2%	ND	0.2
p,m-Xylene	3.1037E-002	3.1115E-002	0.3%	ND	0.2
o-Xylene	2.9125E-002	2.9175E-002	0.2%	ND	0.1

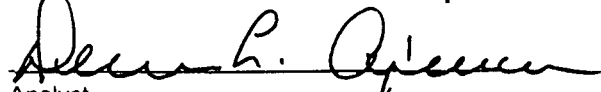
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	35.9	35.7	0.6%	0 - 30%	8.8
Toluene	21.4	21.2	0.9%	0 - 30%	8.4
Ethylbenzene	23.2	23.0	0.9%	0 - 30%	7.6
p,m-Xylene	207	205	0.8%	0 - 30%	10.8
o-Xylene	97.0	96.8	0.2%	0 - 30%	5.2

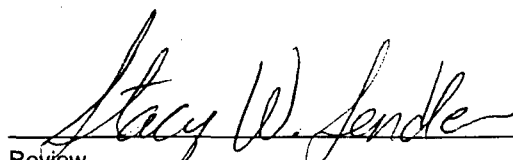
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	35.9	50.0	85.8	100%	39 - 150
Toluene	21.4	50.0	71.4	100%	46 - 148
Ethylbenzene	23.2	50.0	73.2	100%	32 - 160
p,m-Xylene	207	100.0	307	100%	46 - 148
o-Xylene	97.0	50.0	147	100%	46 - 148

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 F108 - F117.


Analyst


Review

CHAIN OF CUSTODY RECORD

6851

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
Envirotech		Landform 2 Units											
Sampler:		Client No.											
Circillo - Donald		91020-05											
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Box	Bois				Remarks		
Cell A-17	5:39	10:20	F108	Soil	1	✓	✓				5th Closure		
Cell B-17		10:35	F109		1	✓	✓				Samples		
Cell C-17		10:40	F110		1	✓	✓						
Cell D-17		10:55	F111		1	✓	✓						
Cell E-17		11:15	F112		1	✓	✓						
Cell F-17		11:25	F113		1	✓	✓						
Cell G-17		11:35	F114		1	✓	✓						
Cell H-17		11:45	F115		1	✓	✓						
Cell T-17		11:45	F116		1	✓	✓						
Cell J-17		11:50	F117		1	✓	✓						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
Christine Warden		5:39		15:15		Received by: (Signature)		5:39		15:15			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
						Received by: (Signature)							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
						Received by: (Signature)							

ENVIROTECH INC.

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

Sample Receipt

Y	N	N/A
✓		
Received Intact	✓	
Cool - Ice/Blue Ice	✓	

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date : 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 96033	11.3.95	K-31	LD	216
EPFS 96003-10	7.12.96	Gindrith Plant		420

Sampling Documentation:

K	J	F
	X	X
	X	X

18
19

Landfarm # 2, UNITS

Cell(s): I-18

Sample Date: 4/5/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell I-18/4098	Pass	.0252	.234	0.9

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	I - 18	Date Reported:	04-14-99
Laboratory Number:	E973	Date Sampled:	04-05-99
Chain of Custody:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Analyzed:	04-14-99
Preservative:	Cool	Date Extracted:	04-07-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	25.2	8.8
Toluene	18.7	8.4
Ethylbenzene	24.1	7.6
p,m-Xylene	120	10.8
o-Xylene	45.8	5.2
Total BTEX	234	

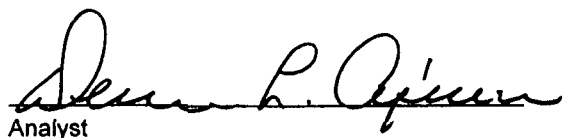
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

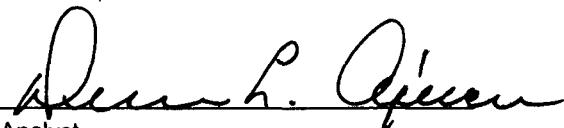
Client:	Envirotech	Project #:	102005
Sample ID:	I - 18	Date Reported:	04-14-99
Laboratory Number:	E973	Date Sampled:	04-05-99
Chain of Custody No:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Extracted:	04-07-99
Preservative:	Cool	Date Analyzed:	04-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

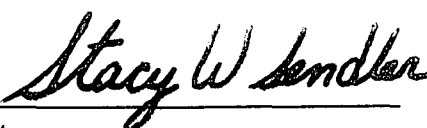
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.9	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.9	0.2

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-14-BTEX QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	3.2348E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept. Range	Detect. Limit
Benzene	18.6	18.7	0.5%	0 - 30%	8.8
Toluene	64.9	65.1	0.3%	0 - 30%	8.4
Ethylbenzene	17.4	17.5	0.6%	0 - 30%	7.6
p,m-Xylene	202	203	0.5%	0 - 30%	10.8
o-Xylene	115	116	1.0%	0 - 30%	5.2

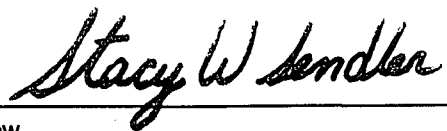
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range
Benzene	18.6	50.0	68.6	100%	39 - 150
Toluene	64.9	50.0	115	100%	46 - 148
Ethylbenzene	17.4	50.0	67.4	100%	32 - 160
p,m-Xylene	202	100.0	301	100%	46 - 148
o-Xylene	115	50.0	165	100%	46 - 148

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 E967 - E974.


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:	04-14-TPH QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

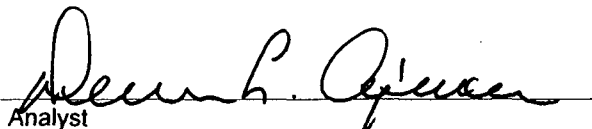
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	3.3	3.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

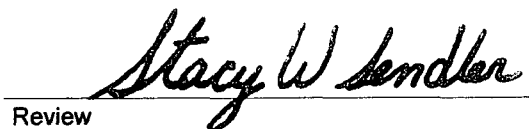
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	3.3	250	250	99%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E967 - E974.


Analyst


Review

6827

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
ENVIROTECH		LABORATORY 2 UNIT 5											
Sampler: <i>Maria O. Ochoa</i>				Client No. 102003									
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers						Remarks		
C-18	4-5-99	14:30	E967	soil	1	✓	✓	✓				Closure sample	
D-18	4-5-99	14:45	E968	soil	1	✓	✓	✓					
E-18	4-5-99	15:00	E969	soil	1	✓	✓	✓					
F-18	4-5-99	15:30	E970	soil	1	✓	✓	✓					
G-18	4-5-99	15:45	E971	soil	1	✓	✓	✓					
H-18	4-5-99	16:00	E972	soil	1	✓	✓	✓					
I-18	4-5-99	16:15	E973	soil	1	✓	✓	✓					
J-18	4-5-99	16:30	E974	soil	1	✓	✓	✓					
Relinquished by: (Signature) <i>M. Ochoa</i>				Date 4-5-99	Time 17:30	Received by: (Signature) <i>Michael L. Ochoa</i>		Date 4-5-99		Time 17:30			
Relinquished by: (Signature)						Received by: (Signature)							
Relinquished by: (Signature)						Received by: (Signature)							
Sample Receipt													
Received Intact ☒													
Cool - Ice/Blue Ice ☒													

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EL Paso	11.15.95	Price # 3	Meter # 93125 Separator or Dehydr. Pit	238
" "	11.15.95	N.M. Com # 1	" " 74934 " "	66
EPFS 96003-10	7.15.96 7.16.96	Fendrich Plant		120
EPNG 96003-03	9.30.96	TRUNK 115	LD 265	54

Sampling Documentation:

	X	X	
	X	X	

Landfarm # 2, UNIT 5

Cell(s): J-18

Sample Date: 4/5/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-18/F098	Pass	.0105	.177	1.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	J - 18	Date Reported:	04-14-99
Laboratory Number:	E974	Date Sampled:	04-05-99
Chain of Custody:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Analyzed:	04-14-99
Preservative:	Cool	Date Extracted:	04-07-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	10.5	8.8
Toluene	37.5	8.4
Ethylbenzene	12.7	7.6
p,m-Xylene	81.2	10.8
o-Xylene	35.3	5.2
Total BTEX	177	

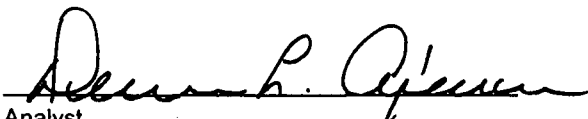
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

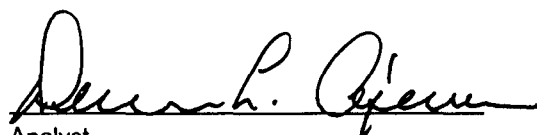
Client:	Envirotech	Project #:	102005
Sample ID:	J - 18	Date Reported:	04-14-99
Laboratory Number:	E974	Date Sampled:	04-05-99
Chain of Custody No:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Extracted:	04-07-99
Preservative:	Cool	Date Analyzed:	04-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

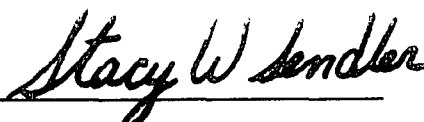
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.6	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	1.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2 Unit 5 Closure Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-14-BTEX QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	3.2348E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	18.6	18.7	0.5%	0 - 30%	8.8
Toluene	64.9	65.1	0.3%	0 - 30%	8.4
Ethylbenzene	17.4	17.5	0.6%	0 - 30%	7.6
p,m-Xylene	202	203	0.5%	0 - 30%	10.8
o-Xylene	115	116	1.0%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	18.6	50.0	68.6	100%	39 - 150
Toluene	64.9	50.0	115	100%	46 - 148
Ethylbenzene	17.4	50.0	67.4	100%	32 - 160
p,m-Xylene	202	100.0	301	100%	46 - 148
o-Xylene	115	50.0	165	100%	46 - 148

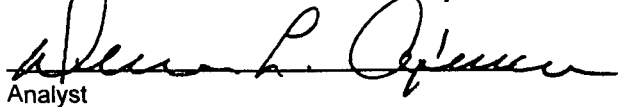
ND - Parameter not detected at the stated detection limit.

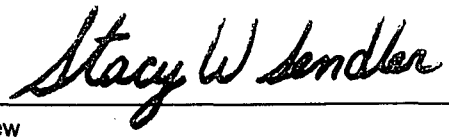
References:

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 E967 - E974.


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:	04-14-TPH QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

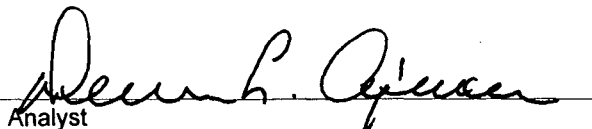
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	3.3	3.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

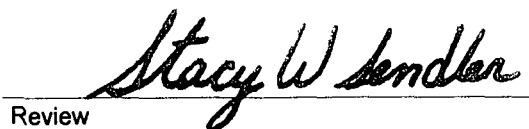
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	3.3	250	250	99%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E967 - E974.


Analyst


Review

CHAIN OF CUSTODY RECORD

6827

Client / Project Name		Project Location		ANALYSIS / PARAMETERS			
ENVIROTECH		LAWRENCE 2 UNIT 5					
Sampler: <i>Mark W. Gentry</i>		Client No. 102005		No. of Containers		Remarks	
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	8015 TPH	BTEX	Closure Sample Use
C-18	4-5-99	14:30	E967	soil	✓	✓	
D-18	4-5-99	14:45	E968	soil	✓	✓	
E-18	4-5-99	15:00	E969	soil	✓	✓	
F-18	4-5-99	15:30	E970	soil	✓	✓	
G-18	4-5-99	15:45	E971	soil	✓	✓	
H-18	4-5-99	16:00	E972	soil	✓	✓	
I-18	4-5-99	16:15	E973	soil	✓	✓	
J-18	4-5-99	16:30	E974	soil	✓	✓	
Relinquished by: (Signature) <i>Mark W. Gentry</i>		Date 4-5-99	Time 17:30	Received by: (Signature) <i>Michael Valente</i>		Date 4-5-99	Time 17:30
Relinquished by: (Signature)				Received by: (Signature)			
Relinquished by: (Signature)				Received by: (Signature)			
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615				Sample Receipt Received Intact ☒ Y ☐ N ☐ N/A Cool - Ice/Blue Ice ☒ ☐ ☐			

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
EL Paso	11.16.95	N.M. Com #G-1	Motor # 74743 Separator or Delay Pit	224
" "	11.16.95	Marshall A#3	" " 92603	46

Sampling Documentation:

	X	X	
	X	X	
	X	X	

19
20

Landfarm # 2, UNIT 5

Cell(s): J-19

Sample Date: 3/2/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-19/F098	Pass	0.017	0.169	1.4

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	J - 19	Date Reported:	03-12-99
Laboratory Number:	E777	Date Sampled:	03-02-99 ✓
Chain of Custody:	6730	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-11-99 ✓
Preservative:	Cool	Date Extracted:	03-03-99 ✓
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	17.0	8.8
Toluene	58.3	8.4
Ethylbenzene	10.6	7.6
p,m-Xylene	53.5	10.8
o-Xylene	29.7	5.2
Total BTEX	169	

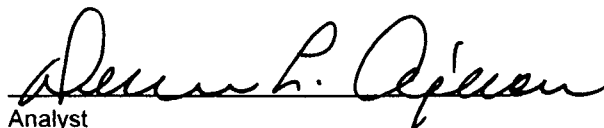
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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: Hilltop, NM., Landfarm 2, Unit 5,


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

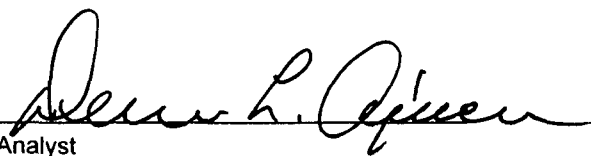
Client:	Envirotech	Project #:	102005
Sample ID:	J - 19	Date Reported:	03-12-99
Laboratory Number:	E777	Date Sampled:	03-02-99
Chain of Custody No:	6730	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.7	0.2
Diesel Range (C10 - C28)	0.7	0.1
Total Petroleum Hydrocarbons	1.4 ✓	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: Hilltop, NM. Landfarm 2, Unit 5.


Analyst


Review

VIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-11-BTEX QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

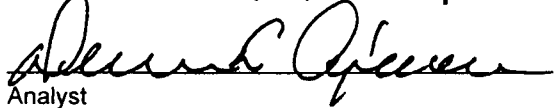
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	134	135	0.1%	0 - 30%	8.8
Toluene	148	147	0.3%	0 - 30%	8.4
Ethylbenzene	62.0	61.8	0.3%	0 - 30%	7.6
p,m-Xylene	276	275	0.1%	0 - 30%	10.8
o-Xylene	134	135	0.4%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	134	50.0	184	100%	39 - 150
Toluene	148	50.0	198	100%	46 - 148
Ethylbenzene	62.0	50.0	112	100%	32 - 160
p,m-Xylene	276	100.0	375	100%	46 - 148
o-Xylene	134	50.0	184	100%	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 E771 - E778 and E787.


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:	03-11-TPH QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

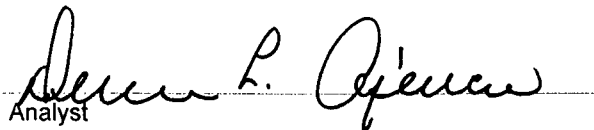
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	1.8	1.8	0.0%	0 - 30%
Diesel Range C10 - C28	0.3	0.3	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	1.8	250	251	100%	75 - 125%
Diesel Range C10 - C28	0.3	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E771 - E778 and E787.


Analyst


Review

CHAIN OF CUSTODY RECORD

6730

Client / Project Name ENVIROTECH / LANDFARM E, UNIT 5			Project Location HILLTOP, N.M.			ANALYSIS / PARAMETERS					
Sampler: MAX WEBSTER			Client No. 1020085			Remarks					
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers						
K-20	3-1-99	15:50	E771	Soil	1	✓	✓				
L-20	3-1-99	16:10	E772	Soil	1	✓	✓				
M-20	3-1-99	16:25	E773	Soil	1	✓	✓				
M-19	3-2-99	14:15	E774	Soil	1	✓	✓				
L-19	3-2-99	14:30	E775	Soil	1	✓	✓				
K-19	3-2-99	14:55	E776	Soil	1	✓	✓				
J-19	3-2-99	15:15	E777	Soil	1	✓	✓				
I-19	3-2-99	16:30	E778	Soil	1	✓	✓				
Relinquished by: (Signature) <i>Max Webster</i>			Date	Time	Received by: (Signature) <i>Unit Data</i>	Date					
Relinquished by: (Signature)			3-3-99	7:20	Received by: (Signature)	3-3-99 7:20					
Relinquished by: (Signature)			Received by: (Signature)								
Relinquished by: (Signature)			Received by: (Signature)								

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV.
DIST. 3

6.7.99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EL Paso	11.15.95	N.M. COM #1	Meter # 74934 Separator or Dehy. P.t	36
	4.16.95	Marshall A #3	" " 92603 " "	88
	12.2.95	Lindreth B #23	" " 94516 " "	90
EPFS 96003-03	9.30.96 10.1.96	TRUNK 115	LD 265	190
	12.2.95	Lindreth B #26	Meter # 95256 Separator or Dehy. P.t	90

Sampling Documentation:

X	X	
X	X	

17

18

Landfarm # 2, UNIT 5

Cell(s): J-17

Sample Date: 5/3/99

Sampler: Donald C. C. C.

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-17/F098	Pass	.0315	1.060	9.4

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/17/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 17	Date Reported:	05-16-99
Laboratory Number:	F117	Date Sampled:	05-03-99
Chain of Custody:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-16-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	31.5	8.8
Toluene	131	8.4
Ethylbenzene	74.9	7.6
p,m-Xylene	606	10.8
o-Xylene	216	5.2
Total BTEX	1,060	

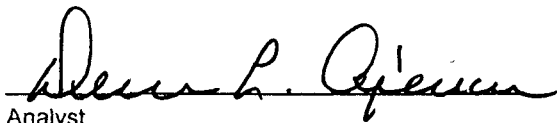
ND - Parameter not detected at the stated detection limit.

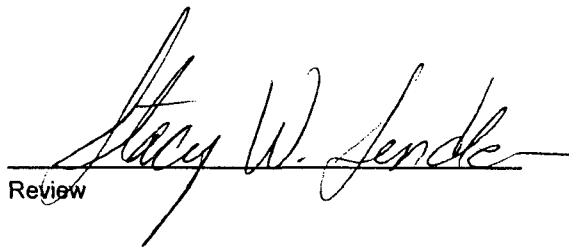
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

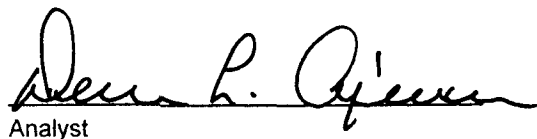
Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 17	Date Reported:	05-16-99
Laboratory Number:	F117	Date Sampled:	05-03-99
Chain of Custody No:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

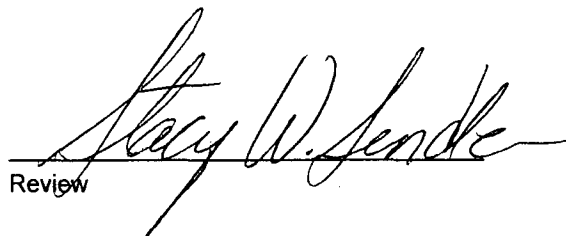
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	9.4	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	9.4	0.2

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 2 Unit 5 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-16-TPH QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	4.4525E-002	4.4401E-002	0.28%	0 - 15%
Diesel Range C10 - C28	03-15-99	4.1817E-002	4.1709E-002	0.26%	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

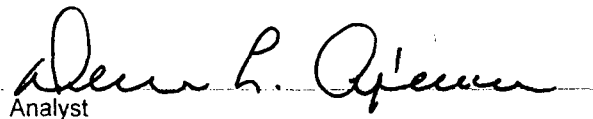
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	1.4	1.4	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	1.4	250	251	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F108 - F117.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-16-BTEX QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
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	4.5104E-002	4.5212E-002	0.2%	ND	0.2
Toluene	2.2820E-002	2.2861E-002	0.2%	ND	0.2
Ethylbenzene	3.1405E-002	3.1471E-002	0.2%	ND	0.2
p,m-Xylene	3.1037E-002	3.1115E-002	0.3%	ND	0.2
o-Xylene	2.9125E-002	2.9175E-002	0.2%	ND	0.1

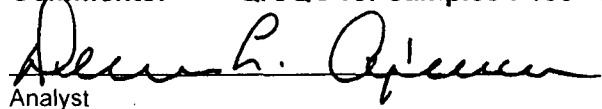
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	35.9	35.7	0.6%	0 - 30%	8.8
Toluene	21.4	21.2	0.9%	0 - 30%	8.4
Ethylbenzene	23.2	23.0	0.9%	0 - 30%	7.6
p,m-Xylene	207	205	0.8%	0 - 30%	10.8
o-Xylene	97.0	96.8	0.2%	0 - 30%	5.2

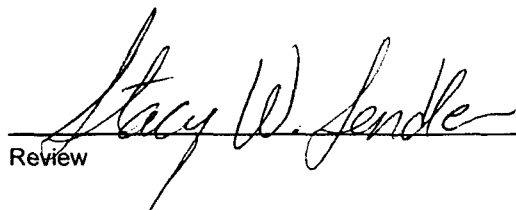
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	35.9	50.0	85.8	100%	39 - 150
Toluene	21.4	50.0	71.4	100%	46 - 148
Ethylbenzene	23.2	50.0	73.2	100%	32 - 160
p,m-Xylene	207	100.0	307	100%	46 - 148
o-Xylene	97.0	50.0	147	100%	46 - 148

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 F108 - F117.


Analyst


Review

CHAIN OF CUSTODY RECORD

6851

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																					
Envirotech		Landform 2 Units																							
Sampler:		Client No.																							
Grillo & Donald		91020-05																							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Box	8015						Remarks												
Cell A-17	5:39	10:20	F108	Soil	1	✓	✓						501 Closure Samples												
Cell B-17		10:35	F109		1	✓	✓																		
Cell C-17		10:40	F110		1	✓	✓																		
Cell D-17		10:55	F111		1	✓	✓																		
Cell E-17		11:15	F112		1	✓	✓																		
Cell F-17		11:25	F113		1	✓	✓																		
Cell G-17		11:35	F114		1	✓	✓																		
Cell H-17		11:45	F115		1	✓	✓																		
Cell I-17		11:45	F116		1	✓	✓																		
Cell J-17		11:50	F117		1	✓	✓																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time															
Christine Warden		5:39		15:15		Deborah Ogden		5:39		15:15															
Relinquished by: (Signature)						Received by: (Signature)																			
Relinquished by: (Signature)						Received by: (Signature)																			
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615																									
Sample Receipt																									
<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td>✓</td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>														Y	N	N/A	✓			Received Intact	✓		Cool - Ice/Blue Ice	✓	
Y	N	N/A																							
✓																									
Received Intact	✓																								
Cool - Ice/Blue Ice	✓																								

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CONL DIV
MAIL 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EL Pass	11.15.95	Price # 3	Meter # 93125 Separator or Delug. Pit	268

Sampling Documentation:

			4
			19
	X	X	
	X	X	20

Landfarm # 2, WIT 5

Cell(s): I-19

Sample Date: 3/2/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell I-19/F098	Pass	.0288	.0866	0.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	I - 19	Date Reported:	03-12-99
Laboratory Number:	E778	Date Sampled:	03-02-99
Chain of Custody:	6730	Date Received:	03-03-99
Sample Matrix:	Soil	Date Analyzed:	03-11-99
Preservative:	Cool	Date Extracted:	03-03-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	28.8 ✓	8.8
Toluene	23.0	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	17.9	10.8
o-Xylene	16.9	5.2
Total BTEX	86.6 ✓	

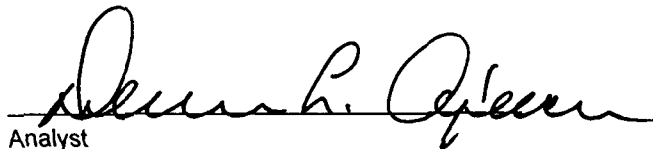
ND - Parameter not detected at the stated detection limit.

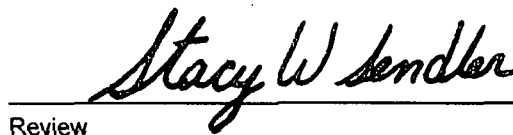
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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: Hilltop, NM., Landfarm 2, Unit 5,


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

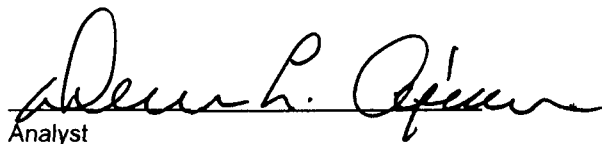
Client:	Envirotech	Project #:	102005
Sample ID:	I - 19	Date Reported:	03-12-99
Laboratory Number:	E778	Date Sampled:	03-02-99
Chain of Custody No:	6730	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.5	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: Hilltop, NM. Landfarm 2, Unit 5.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-11-BTEX QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

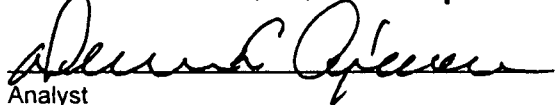
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	134	135	0.1%	0 - 30%	8.8
Toluene	148	147	0.3%	0 - 30%	8.4
Ethylbenzene	62.0	61.8	0.3%	0 - 30%	7.6
p,m-Xylene	276	275	0.1%	0 - 30%	10.8
o-Xylene	134	135	0.4%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	134	50.0	184	100%	39 - 150
Toluene	148	50.0	198	100%	46 - 148
Ethylbenzene	62.0	50.0	112	100%	32 - 160
p,m-Xylene	276	100.0	375	100%	46 - 148
o-Xylene	134	50.0	184	100%	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 E771 - E778 and E787.


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:	03-11-TPH QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

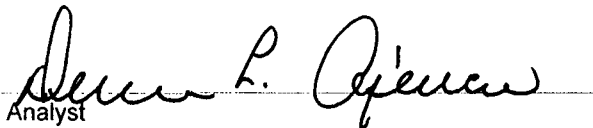
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1.8	1.8	0.0%	0 - 30%
Diesel Range C10 - C28	0.3	0.3	0.0%	0 - 30%

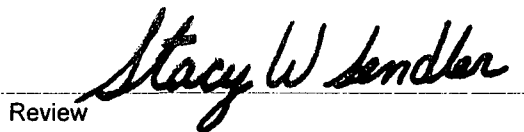
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.8	250	251	100%	75 - 125%
Diesel Range C10 - C28	0.3	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E771 - E778 and E787.


Analyst


Review

CHAIN OF CUSTODY RECORD

6730

Client / Project Name ENVIROTECH / LANDFARM 2, UNIT 5			Project Location HILLTOP, N.M.			ANALYSIS / PARAMETERS					
Sampler: MARK WEBSTER			Client No. 1020085 JAN 05			Remarks					
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015	8021				
K-20	3-1-99	15:50	E771	Soil	1	✓	✓				
L-20	3-1-99	16:10	E772	Soil	1	✓	✓				
M-20	3-1-99	16:25	E773	Soil	1	✓	✓				
M-19	3-2-99	14:15	E774	Soil	1	✓	✓				
L-19	3-2-99	14:30	E775	Soil	1	✓	✓				
K-19	3-2-99	14:55	E776	Soil	1	✓	✓				
J-19	3-2-99	15:15	E777	Soil	1	✓	✓				
I-19	3-2-99	16:30	E778	Soil	1	✓	✓				
Relinquished by: (Signature) <i>Mark Webster</i>			Date 3-3-99	Time 7:20	Received by: (Signature) <i>Mark Webster</i>	Date 3-3-99 Time 7:20					
Relinquished by: (Signature)			Received by: (Signature)								
Relinquished by: (Signature)			Received by: (Signature)								

ENVIROTECH INC.

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

Sample Receipt		
Received Intact	Y	N
Cool - Ice/Blue Ice	✓	

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999

OIL CON. DIV
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-03	10.2.96	LAT 2C-15	LD 266 Line Drip	270

Sampling Documentation:

			5
			16
	X X		
	X X		17

Landfarm # 2, UNIT 5

Cell(s): H-16

Sample Date: 5/3/99

Sampler: Donald E. Crails

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-16/5098	Pass	less than .0088	.101	less than 0.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

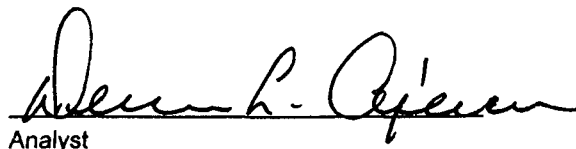
Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 16	Date Reported:	05-05-99
Laboratory Number:	F105	Date Sampled:	05-03-99
Chain of Custody No:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-05-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

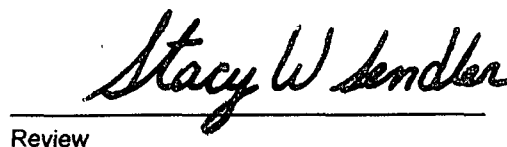
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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. 5 Pt. Composite Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 16	Date Reported:	05-05-99
Laboratory Number:	F105	Date Sampled:	05-03-99
Chain of Custody:	6850	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-05-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	70.4	10.8
o-Xylene	30.4	5.2
Total BTEX	101	

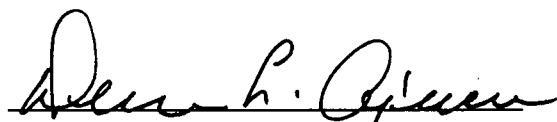
ND - Parameter not detected at the stated detection limit.

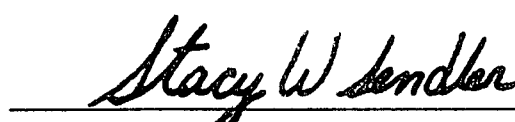
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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. 5 Pt. Composite Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-05-TPH QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

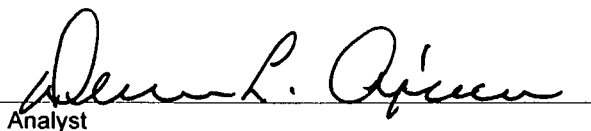
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	0.7	0.7	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	0.7	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F098 - F107.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-05-BTEX QA/QC	Date Reported:	05-05-99
Laboratory Number:	F098	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

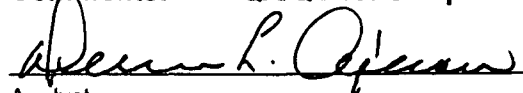
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	15.2	15.3	0.7%	0 - 30%	8.8
Toluene	16.4	16.5	0.6%	0 - 30%	8.4
Ethylbenzene	15.7	15.7	0.0%	0 - 30%	7.6
p,m-Xylene	151	151	0.0%	0 - 30%	10.8
o-Xylene	63.6	64.2	0.9%	0 - 30%	5.2

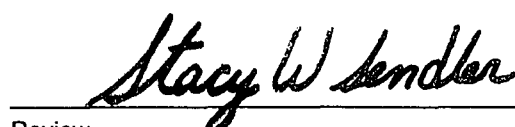
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	15.2	50.0	65.2	100%	39 - 150
Toluene	16.4	50.0	66.4	100%	46 - 148
Ethylbenzene	15.7	50.0	65.7	100%	32 - 160
p,m-Xylene	151	100.0	250	100%	46 - 148
o-Xylene	63.6	50.0	114	100%	46 - 148

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 F098 - F107.


Analyst


Review

CHAIN OF CUSTODY RECORD

6850

Client / Project Name			Project Location		ANALYSIS / PARAMETERS					
Sampler: <i>Envirotech</i>			Client No. <i>Landform 2-5 unit</i>		Remarks					
Cinilo: <i>Donde</i>			91020-05		Spt. Closure Samples					
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers					
Cell A-16	5.3.99	10:25	F098	Soil	1	✓	✓			
Cell B-16		10:30	F099		1	✓	✓			
Cell C-16		10:45	F100		1	✓	✓			
Cell D-16		10:50	F101		1	✓	✓			
Cell E-16		11:20	F102		1	✓	✓			
Cell F-16		11:10	F103		1	✓	✓			
Cell G-16		11:20	F104		1	✓	✓			
Cell H-16		11:30	F105		1	✓	✓			
Cell I-16		11:40	F106		1	✓	✓			
Cell J-16		11:50	F107		1	✓	✓			
Relinquished by: (Signature) <i>Maria Llaeta</i>			Date	Time	Received by: (Signature) <i>Adrian L. Quiroz</i>		Date	Time		
Relinquished by: (Signature)			5.3.99	15:10			5.3.99	15:10		
Relinquished by: (Signature)										
Received by: (Signature)										
Received by: (Signature)										

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV.
DIST. 3

Date: 6.7.99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
No Material Recorded				

Sampling Documentation:

J	I	H	S
	X	X	
	X	X	
	X	X	

17
18

Landfarm # 2, UNIT 5

Cell(s): H-17

Sample Date: 5/3/99

Sampler: Donald Carlo

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-17 / F098	Pass	.0264	.480	1.5

Respectfully submitted,
Envirotech Inc.

Christine M Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe

Date 11/12/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 17	Date Reported:	05-16-99
Laboratory Number:	F115	Date Sampled:	05-03-99
Chain of Custody:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Analyzed:	05-16-99
Preservative:	Cool	Date Extracted:	05-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	26.4	8.8
Toluene	45.4	8.4
Ethylbenzene	78.7	7.6
p,m-Xylene	208	10.8
o-Xylene	121	5.2
Total BTEX	480	

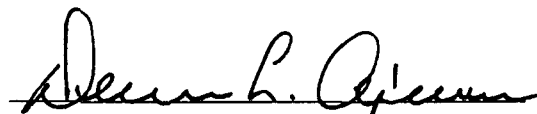
ND - Parameter not detected at the stated detection limit.

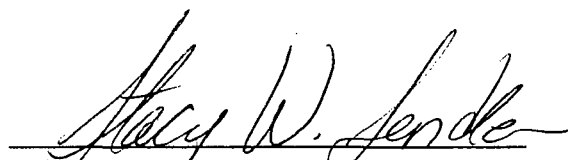
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

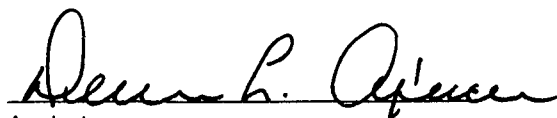
Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 17	Date Reported:	05-16-99
Laboratory Number:	F115	Date Sampled:	05-03-99
Chain of Custody No:	6851	Date Received:	05-03-99
Sample Matrix:	Soil	Date Extracted:	05-05-99
Preservative:	Cool	Date Analyzed:	05-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

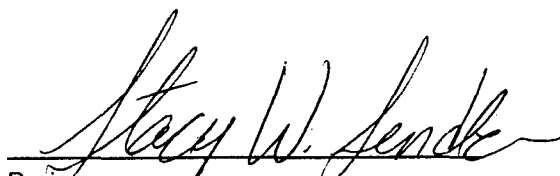
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	1.5	0.2

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 5 Pt. Closure Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-16-TPH QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	4.4525E-002	4.4401E-002	0.28%	0 - 15%
Diesel Range C10 - C28	03-15-99	4.1817E-002	4.1709E-002	0.26%	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

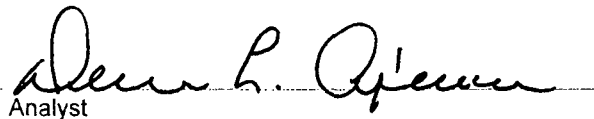
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	1.4	1.4	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	1.4	250	251	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F108 - F117.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-16-BTEX QA/QC	Date Reported:	05-16-99
Laboratory Number:	F108	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-16-99
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	4.5104E-002	4.5212E-002	0.2%	ND	0.2
Toluene	2.2820E-002	2.2861E-002	0.2%	ND	0.2
Ethylbenzene	3.1405E-002	3.1471E-002	0.2%	ND	0.2
p,m-Xylene	3.1037E-002	3.1115E-002	0.3%	ND	0.2
o-Xylene	2.9125E-002	2.9175E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	35.9	35.7	0.6%	0 - 30%	8.8
Toluene	21.4	21.2	0.9%	0 - 30%	8.4
Ethylbenzene	23.2	23.0	0.9%	0 - 30%	7.6
p,m-Xylene	207	205	0.8%	0 - 30%	10.8
o-Xylene	97.0	96.8	0.2%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	35.9	50.0	85.8	100%	39 - 150
Toluene	21.4	50.0	71.4	100%	46 - 148
Ethylbenzene	23.2	50.0	73.2	100%	32 - 160
p,m-Xylene	207	100.0	307	100%	46 - 148
o-Xylene	97.0	50.0	147	100%	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 F108 - F117.

Analyst

Review

CHAIN OF CUSTODY RECORD

6851

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																					
Envirotech		Landform 2 Units																							
Sampler:		Client No.																							
Cicillo - Donald		91020-05																							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Box	8015						Remarks												
Cell A-17	5:39	10:20	F108	Soil	1	✓	✓						5pl Closure												
Cell A-17		10:35	F109		1	✓	✓						Sample's												
Cell A-17		10:40	F110		1	✓	✓																		
Cell A-17		10:55	F111		1	✓	✓																		
Cell E-17		11:15	F112		1	✓	✓																		
Cell F-17		11:25	F113		1	✓	✓																		
Cell G-17		11:35	F114		1	✓	✓																		
Cell H-17		11:45	F115		1	✓	✓																		
Cell T-17		11:45	F116		1	✓	✓																		
Cell J-17		11:50	F117		1	✓	✓																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time															
Christine Warden		5:39		15:15		Received by: (Signature)		5:39		15:15															
Relinquished by: (Signature)						Received by: (Signature)																			
Relinquished by: (Signature)						Received by: (Signature)																			
Sample Receipt																									
<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td>✓</td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>														Y	N	N/A	✓			Received Intact	✓		Cool - Ice/Blue Ice	✓	
Y	N	N/A																							
✓																									
Received Intact	✓																								
Cool - Ice/Blue Ice	✓																								

ENVIROTECH INC.

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 6.7.99

JUL - 7 1999

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPFS 96003-10	7.11.96 9.12.96	Linderoth Plant		320

Sampling Documentation:

X	X	
X	X	X

18

19

Landfarm # 2, UNIT 5

Cell(s): H-18

Sample Date: 4/5/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-18/F098	Pass	.0113	.218	0.7

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	H - 18	Date Reported:	04-14-99
Laboratory Number:	E972	Date Sampled:	04-05-99
Chain of Custody:	6827	Date Received:	04-05-99
Sample Matrix:	Soil	Date Analyzed:	04-14-99
Preservative:	Cool	Date Extracted:	04-07-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	11.3	8.8
Toluene	17.9	8.4
Ethylbenzene	29.9	7.6
p,m-Xylene	116	10.8
o-Xylene	43.0	5.2
Total BTEX	218	

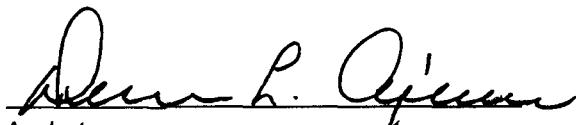
ND - Parameter not detected at the stated detection limit.

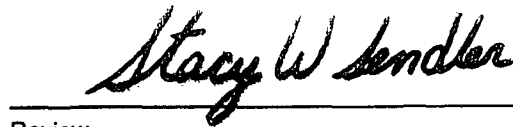
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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 Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: H - 18
Laboratory Number: E972
Chain of Custody No: 6827
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

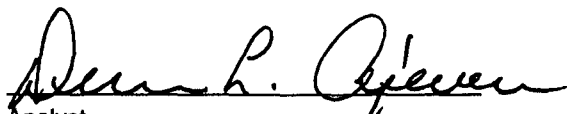
Project #: 102005
Date Reported: 04-14-99
Date Sampled: 04-05-99
Date Received: 04-05-99
Date Extracted: 04-07-99
Date Analyzed: 04-14-99
Analysis Requested: 8015 TPH

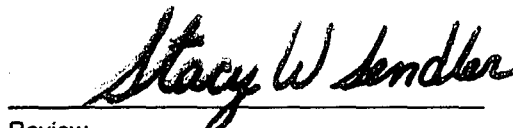
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.7	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.7	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2 Unit 5 Closure Sampling.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-14-BTEX QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7416E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

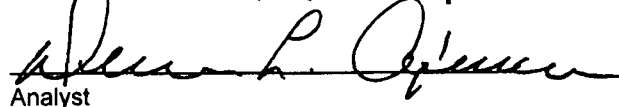
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	18.6	18.7	0.5%	0 - 30%	8.8
Toluene	64.9	65.1	0.3%	0 - 30%	8.4
Ethylbenzene	17.4	17.5	0.6%	0 - 30%	7.6
p,m-Xylene	202	203	0.5%	0 - 30%	10.8
o-Xylene	115	116	1.0%	0 - 30%	5.2

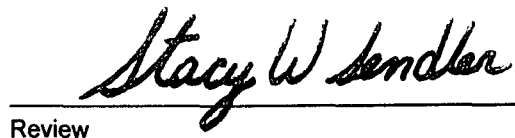
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	18.6	50.0	68.6	100%	39 - 150
Toluene	64.9	50.0	115	100%	46 - 148
Ethylbenzene	17.4	50.0	67.4	100%	32 - 160
p,m-Xylene	202	100.0	301	100%	46 - 148
o-Xylene	115	50.0	165	100%	46 - 148

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 E967 - E974.


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:	04-14-TPH QA/QC	Date Reported:	04-14-99
Laboratory Number:	E967	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

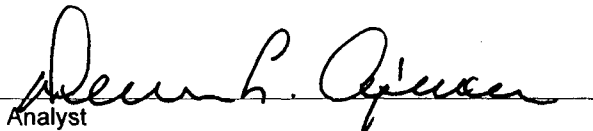
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	3.3	3.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	3.3	250	250	99%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E967 - E974.


Analyst


Review

CHAIN OF CUSTODY RECORD

6827

Client / Project Name ENVIROTECH			Project Location LAWRENCE 2 UNIT 5			ANALYSIS / PARAMETERS					
Sampler: Max O'Connell			Client No. 102005			No. of Containers			Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	80LS TPH	BTEX					Closure Sample
C-18	4-5-99	14:30	E967	soil	1	✓	✓				
D-18	4-5-99	14:45	E968	soil	1	✓	✓				
E-18	4-5-99	15:00	E969	soil	1	✓	✓				
F-18	4-5-99	15:30	E970	soil	1	✓	✓				
G-18	4-5-99	15:45	E971	soil	1	✓	✓				
H-18	4-5-99	16:00	E972	soil	1	✓	✓				
I-18	4-5-99	16:15	E973	soil	1	✓	✓				
J-18	4-5-99	16:30	E974	soil	1	✓	✓				
Relinquished by: (Signature) <i>Max O'Connell</i>			Date	Time	Received by: (Signature) <i>Michael Lactano</i>			Date	Time		
Relinquished by: (Signature)					Received by: (Signature)						
Relinquished by: (Signature)					Received by: (Signature)						

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JUL - 7 1999

Date: 6.7.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
FL Paso	11.15.95	Charley Pah	Meter# 71531 Separator or Denig. Pit	236
	11.15.95	Marshall-A#3	" " 92603 "	18
	11.15.95	Marshall-B#1	" " 89039 "	20

Sampling Documentation:

	I	H
	X X	
	X X	

19

20

Landfarm # 2, UNIT 5

Cell(s): H-19

Sample Date: 4/2/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-19/F098	Pass	.0131	.238	2.9

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	H - 19	Date Reported:	04-08-99
Laboratory Number:	E957	Date Sampled:	04-02-99
Chain of Custody:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Analyzed:	04-08-99
Preservative:	Cool	Date Extracted:	04-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	13.1	8.8
Toluene	14.3	8.4
Ethylbenzene	23.1	7.6
p,m-Xylene	132	10.8
o-Xylene	54.7	5.2
Total BTEX	238	

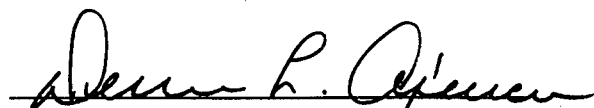
ND - Parameter not detected at the stated detection limit.

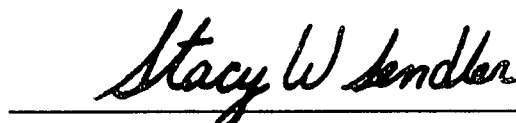
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

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 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

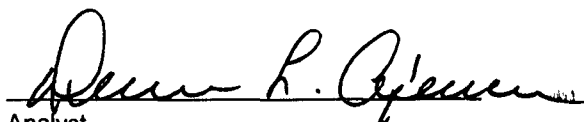
Client:	Envirotech	Project #:	102005
Sample ID:	H - 19	Date Reported:	04-08-99
Laboratory Number:	E957	Date Sampled:	04-02-99
Chain of Custody No:	6823	Date Received:	04-02-99
Sample Matrix:	Soil	Date Extracted:	04-05-99
Preservative:	Cool	Date Analyzed:	04-08-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

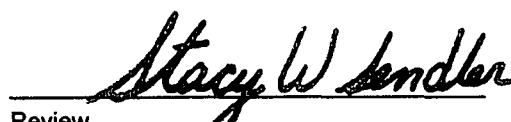
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.9	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.9	0.2

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

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-08-BTEX QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	Sample Conc. (ug/L)	Blank Conc.	Detect. Limit		
Benzene	3.2346E-002	3.2391E-002	0.1%	ND	0.2
Toluene	2.0462E-002	2.0478E-002	0.1%	ND	0.2
Ethylbenzene	2.7225E-002	2.7255E-002	0.1%	ND	0.2
p,m-Xylene	2.7418E-002	2.7457E-002	0.2%	ND	0.2
o-Xylene	2.4585E-002	2.4602E-002	0.1%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	% Diff.	Accept Range	Detect. Limit
Benzene	22.9	23.1	0.9%	0 - 30%	8.8
Toluene	47.2	47.4	0.4%	0 - 30%	8.4
Ethylbenzene	24.5	24.7	0.8%	0 - 30%	7.6
p,m-Xylene	107	108	0.7%	0 - 30%	10.8
o-Xylene	42.7	43.2	1.2%	0 - 30%	5.2

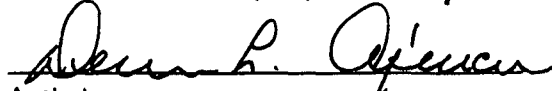
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	22.9	50.0	72.9	100%	39 - 150
Toluene	47.2	50.0	97.2	100%	46 - 148
Ethylbenzene	24.5	50.0	74.5	100%	32 - 160
p,m-Xylene	107	100.0	207	100%	46 - 148
o-Xylene	42.7	50.0	92.7	100%	46 - 148

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 E949 - E958.


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:	04-08-TPH QA/QC	Date Reported:	04-08-99
Laboratory Number:	E949	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-99
Condition:	N/A	Analysis Requested:	TPH

	Cal Date	HCAL RF	CAL RF	% Difference	Accept Range
Gasoline Range C5 - C10	03-15-99	7.6679E-002	7.6541E-002	0.18%	0 - 15%
Diesel Range C10 - C28	03-15-99	7.2197E-002	7.2081E-002	0.16%	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

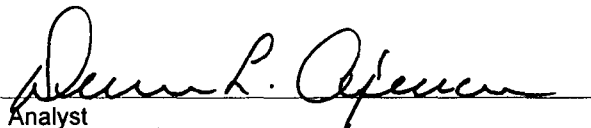
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	2.1	2.1	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	2.1	250	252	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples E949 - E958.


Analyst


Review

CHAIN OF CUSTODY RECORD

6823

Client / Project Name			Project Location			ANALYSIS / PARAMETERS							
ENVIROTECH			LAWRENCE 2, UNIT 5										
Sampler: <i>Mark Webster</i>			Client No. 102005			No. of Containers		8015 TPH		BTEX		Remarks	
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								Closure Samples	
A-18	4-2-99	15:15	E949	Soil	1	✓	✓						
B-18	4-2-99	15:00	E950	Soil	1	✓	✓						
A-19	4-2-99	14:45	E951	Soil	1	✓	✓						
B-19	4-2-99	14:30	E952	Soil	1	✓	✓						
C-19	4-2-99	14:15	E953	Soil	1	✓	✓						
D-19	4-2-99	14:00	E954	Soil	1	✓	✓						
E-19	4-2-99	10:45	E955	Soil	1	✓	✓						
F-19	4-2-99	10:30	E956	Soil	1	✓	✓						
G-19	4-2-99	10:00	E957	Soil	1	✓	✓						
Relinquished by: (Signature) <i>Mark Webster</i>			Date 4-2-99	Time 17:15	Received by: (Signature) <i>Christa Blacum</i>		Date 4-2-99	Time 17:15					
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

RECEIVED
JUL - 7 1999
OIL CON. DIV

Date: 6.7.99

Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd'
E Paso	11.15.95	Charley Pah	Meter # 71531 Separator or Dehy. Pit	50

Sampling Documentation:

			16
			19
			20
	X	X	
	X	X	

Landfarm # 2, UNIT 5

Cell(s): I-20

Sample Date: 3/1/99

Sampler: MW

Type: 5 Point Composite

Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell I-20/F098	Pass	.0721	.883	52.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec

Date

NMOCD Santa Fe
...Harlan\Form\ocddms

Date 11/17/95

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

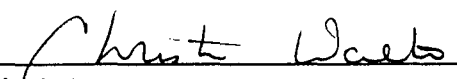
Client:	Envirotech	Project #:	102005
Sample ID:	I - 20	Date Reported:	03-10-99
Laboratory Number:	E769	Date Sampled:	03-01-99
Chain of Custody No:	6727	Date Received:	03-03-99
Sample Matrix:	Soil	Date Extracted:	03-03-99
Preservative:	Cool	Date Analyzed:	03-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	29.3	0.2
Diesel Range (C10 - C28)	23.3	0.1
Total Petroleum Hydrocarbons	52.6 ✓	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2 Unit 5. Closure Samples.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Envirotech
Sample ID: I -20
Laboratory Number: E769
Chain of Custody: 6727
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 102005
Date Reported: 03-10-99
Date Sampled: 03-01-99
Date Received: 03-03-99
Date Analyzed: 03-09-99
Date Extracted: 03-03-99
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	72.1	8.8
Toluene	354	8.4
Ethylbenzene	295	7.6
p,m-Xylene	128	10.8
o-Xylene	34.0	5.2
Total BTEX	883	

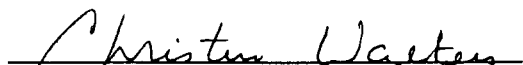
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

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

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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:	0309-TPH QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-11-99	2.6355E-002	2.6308E-002	0.18%	0 - 15%
Diesel Range C10 - C28	01-11-99	1.5731E-002	1.5706E-002	0.16%	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

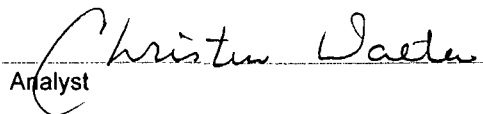
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	91.2	90.9	0.3%	0 - 30%
Diesel Range C10 - C28	8.7	8.7	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	91.2	250	341	100%	75 - 125%
Diesel Range C10 - C28	8.7	250	258	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample E761 - E770.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-09-BTEX QA/QC	Date Reported:	03-10-99
Laboratory Number:	E761	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-09-99
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	7.0480E-002	7.0650E-002	0.2%	ND	0.2
Toluene	3.5438E-002	3.5502E-002	0.2%	ND	0.2
Ethylbenzene	4.3145E-002	4.3279E-002	0.3%	ND	0.2
p,m-Xylene	3.9965E-002	4.0145E-002	0.5%	ND	0.2
o-Xylene	3.9081E-002	3.9109E-002	0.1%	ND	0.1

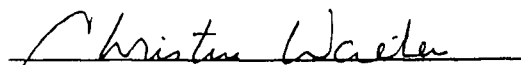
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	401	386	3.6%	0 - 30%	8.8
Toluene	462	443	4.1%	0 - 30%	8.4
Ethylbenzene	42.0	40.3	4.0%	0 - 30%	7.6
p,m-Xylene	324	311	3.9%	0 - 30%	10.8
o-Xylene	89.4	86.4	3.4%	0 - 30%	5.2

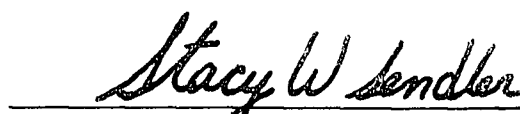
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	401	50.0	450	100%	39 - 150
Toluene	462	50.0	512	100%	46 - 148
Ethylbenzene	42.0	50.0	92.0	100%	32 - 160
p,m-Xylene	324	100.0	423	100%	46 - 148
o-Xylene	89.4	50.0	139	100%	46 - 148

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 E761 - E770.


Analyst


Review

CHAIN OF CUSTODY RECORD

6727

Client / Project Name ENVIROTECH - LANDFARM 2, UNIT 5				Project Location HILLTOP, N.M.		ANALYSIS / PARAMETERS					
Sampler: MARK WEBSTER				Client No. 1020025 JWJ		Remarks					
Sample No/ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015	8021				
A-20	3-1-99	11:00	E7161	Soil	1	✓	✓				
B-20	3-1-99	11:20	E7162	Soil	1	✓	✓				
C-20	3-1-99	11:45	E7163	Soil	1	✓	✓				
D-20	3-1-99	12:05	E7164	Soil	1	✓	✓				
E-20	3-1-99	12:25	E7165	Soil	1	✓	✓				
F-20	3-1-99	13:45	E7166	Soil	1	✓	✓				
G-20	3-1-99	14:10	E7167	Soil	1	✓	✓				
H-20	3-1-99	14:25	E7168	Soil	1	✓	✓				
I-20	3-1-99	14:55	E7169	Soil	1	✓	✓				
J-20	3-1-99	15:15	E770	Soil	1	✓	✓				
Relinquished by: (Signature) <i>Mark Webster</i>			Date 3-3-99	Time 7:15	Received by: (Signature) <i>Christine Dacosta</i>			Date 3-3-99	Time 7:15		
Relinquished by: (Signature)						Received by: (Signature)					
Relinquished by: (Signature)						Received by: (Signature)					

ENVIROTECH INC.

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

Sample Receipt

Received Intact	Y	N	N/A
Cool - Ice/Blue Ice	✓		