NM1-11

Discontinued Maintenance Status Request

Date: 2002

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

August 5, 2002

Mr. Denny Foust
State of New Mexico Oil Conservation Division
1000 Rio Brazos Rd
Aztec, New Mexico 87410

Dear Mr. Foust

Envirotech, Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soil contained in the following cells located within the Envirotech Soil Remediation Facility (ESRF), Landfarm # 2 Unit 5, Hilltop, New Mexico.

Cells:

N -13, N -14, N -15, N -16, N -17, N -18 AND N -19

O -15, O -16, O -17, O -18 AND O - 19

P - 15, P - 16, P - 17, P - 18 AND P - 19

Q - 15, Q -16, Q - 17, Q - 18 AND Q-19

R - 16, R - 17, R - 18 AND R - 19

U-11

Also enclosed are the second quarter background sample results. Eight soil samples were collected on 6/17/02 in the following cells located within the Envirotech Soil Remediation Facility (ESRF), Landfarm # 2 Unit 5, Hilltop, New Mexico.

Cells:

N - 16, P - 7, P - 12, Q - 16, S - 19, V - 16, BB - 18 AND EE - 14.

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

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/02/02

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

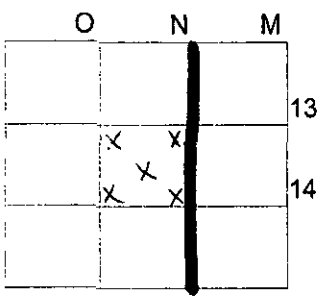
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): N - 13

Sample Date: 6/17/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-13/23089	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell N - 13	Date Reported:	06-20-02
Laboratory Number:	23089	Date Sampled:	06-17-02
Chain of Custody No:	10009	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-20-02
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, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell N - 13	Date Reported:	06-20-02
Laboratory Number:	23089	Date Sampled:	06-17-02
Chain of Custody:	10009	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-20-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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, Hilltop, NM. 5 Pt. Composite Closure Sample**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-20-TPH QA/QC	Date Reported:	06-20-02
Laboratory Number:	23083	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-20-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 23083 - 23090, 23098.**

Analyst

Review

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-20-BTEX QA/QC	Date Reported:	06-20-02
Laboratory Number:	23083	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-20-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	2.6914E-002	2.6995E-002	0.3%	ND	0.2
Toluene	3.3709E-002	3.3777E-002	0.2%	ND	0.2
Ethylbenzene	5.8262E-002	5.8438E-002	0.3%	ND	0.2
p,m-Xylene	7.1891E-002	7.2107E-002	0.3%	ND	0.2
o-Xylene	5.4522E-002	5.4631E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	ND	50.0	49.9	99.8%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	99.8	99.8%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 23083 - 23090, 23098.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

10009

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	~~LF 5~~ Landfarm 2 unit 5, Hilltop, NM	
Sampler: KPK + TLR	Client No. 91020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
~~SP~~ 13 - N-13 cell	6/17/02	11:31	23089	So:1	1	✓	✓					5pt Composite Closure Sample
~~SP~~ 14 - N-14 cell	6/17/02	11:39	23090	So:1	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
~~Relinquished~~	6/17/02	13:15	Christine M Walden	6/17/02	13:15
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	✓		

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/02/02

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

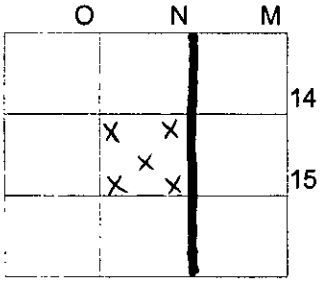
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	96033-08	11/05/1998	Lean Oil Tank	Blanco	12
EPFS	96003-40	11/30/1998		Turley Compressor	17
EPFS	96003-08	01/12/1999	Lean Oil Tank	Blanco	1drum
EPFS	96003-39	10/28/1998		Atlantic BLS 7 & Lindrith C7 Loop	156
EPFS	97057-03	05/19/1999		Drip 5 A2	3

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): N - 14

Sample Date: 6/17/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-14/23090	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell N - 14	Date Reported:	06-20-02
Laboratory Number:	23090	Date Sampled:	06-17-02
Chain of Custody No:	10009	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-20-02
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, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell N - 14	Date Reported:	06-20-02
Laboratory Number:	23090	Date Sampled:	06-17-02
Chain of Custody:	10009	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-20-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
***p,m*-Xylene**	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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, Hilltop, NM. 5 Pt. Composite Closure Sample**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-20-TPH QA/QC	Date Reported:	06-20-02
Laboratory Number:	23083	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-20-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	0.10%	0 - 15%
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	0.20%	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	100.0%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100.0%	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 23083 - 23090, 23098.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-20-BTEX QA/QC	Date Reported:	06-20-02
Laboratory Number:	23083	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-20-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	2.6914E-002	2.6995E-002	0.3%	ND	0.2
Toluene	3.3709E-002	3.3777E-002	0.2%	ND	0.2
Ethylbenzene	5.8262E-002	5.8438E-002	0.3%	ND	0.2
p,m-Xylene	7.1891E-002	7.2107E-002	0.3%	ND	0.2
o-Xylene	5.4522E-002	5.4631E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept. Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	ND	50.0	49.9	99.8%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	99.8	99.8%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 23083 - 23090, 23098.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

10009

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 un. 1 5 ~~LF2 5~~, Hilltop, NM	
Sampler: KPK + TLR	Client No. 91020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
												5pt Composite Closure Samples
~~SP~~ - N-13 cell	6/17/02	11:31	23089	So:1	1	✓	✓					
~~SP~~ - N-14 cell	6/17/02	11:39	23090	So:1	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
~~Relinquished by: (Signature)~~	6/17/02	13:15	Christa M Walden	6/17/02	13:15
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

Date: 8/02/02

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

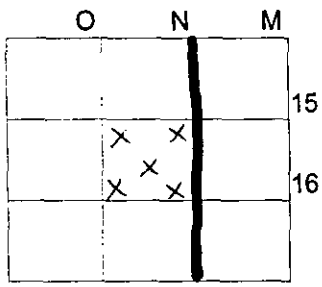
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-06	02/15/1999	Produced Hydro.	Heath Plant	32

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): N - 15

Sample Date: 5/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-15/22826	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	N 15	Date Reported:	05-30-02
Laboratory Number:	22826	Date Sampled:	05-28-02
Chain of Custody No:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Extracted:	05-29-02
Preservative:	Cool	Date Analyzed:	05-30-02
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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	N 15	Date Reported:	05-30-02
Laboratory Number:	22826	Date Sampled:	05-28-02
Chain of Custody:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Analyzed:	05-30-02
Preservative:	Cool	Date Extracted:	05-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

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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:	05-30-TPH QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22819 - 22827.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-30-BTEX QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range: 15%	Blank Conc.	Detect. Limit
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6.2661E-002	6.2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range:	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range:
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22819 - 22826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09068

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 9020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH	Remarks
Q16	5/28/02	14:50	22819	SO:1	1	✓	✓	5 pt. Comp Closure
Q15		15:08	22820		1	✓	✓	Samples
P16		15:30	22821		1	✓	✓	
P15		15:40	22822		1	✓	✓	
O16		16:09	22823		1	✓	✓	
O15		16:18	22824		1	✓	✓	
N16		16:15	22825		1	✓	✓	
N15		1620	22826		1	✓	✓	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	5/28/02	17:00	[signature]	5/28/02	1700
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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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

Date: 8/02/02

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

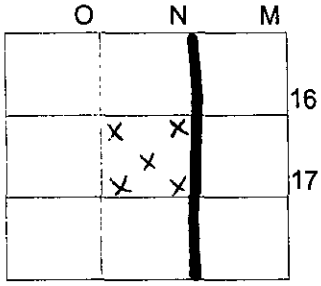
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-06	02/15/1999		Heath Plant	132
EPFS	97057-02	03/23/1999	Compressor Oil	Balard Plant	28
EPFS	97057-02	03/24/1999	Compressor Oil	Balard Plant	40

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): N - 16

Sample Date: 5/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene; mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-16/22825	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	N 16	Date Reported:	05-30-02
Laboratory Number:	22825	Date Sampled:	05-28-02
Chain of Custody No:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Extracted:	05-29-02
Preservative:	Cool	Date Analyzed:	05-30-02
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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	N 16	Date Reported:	05-30-02
Laboratory Number:	22825	Date Sampled:	05-28-02
Chain of Custody:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Analyzed:	05-30-02
Preservative:	Cool	Date Extracted:	05-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

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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:	05-30-TPH QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22819 - 22827.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-30-BTEX QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6.2661E-002	6.2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22819 - 22826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09068

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF 2-5, Hilltop, NM	
Sampler: KPK	Client No. 9020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
Q16	5/28/02	14:50	22819	SO:1	1	✓	✓					5 pt. Comp Closure
Q15		15:08	22820		1	✓	✓					Samples
P16		15:30	22821		1	✓	✓					
P15		15:40	22822		1	✓	✓					
O16		16:00	22823		1	✓	✓					
O15		16:10	22824		1	✓	✓					
N16		16:15	22825		1	✓	✓					
N15		1620	22826		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	5/28/02	17:00	[signature]	5/28/02	1700
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	✓		

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

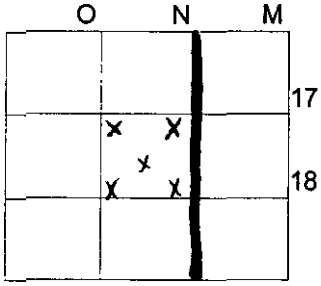
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-05	2/9-2/11-99	Glycol	Largo	42
EPFS	97057-03	2/9-2/10/99		Kutz	116

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): N - 17

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-17/22023	PASS	0.0047	0.0286	68.7

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell N-17	Date Reported:	02-11-02
Laboratory Number:	22023	Date Sampled:	02-07-02
Chain of Custody No:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Extracted:	02-08-02
Preservative:	Cool	Date Analyzed:	02-11-02
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)	**68.7**	**0.1**
Total Petroleum Hydrocarbons	**68.7**	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell N-17	Date Reported:	02-11-02
Laboratory Number:	22023	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**4.7**	**1.8**
Toluene	**23.9**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**28.6**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97 %**
	1,4-difluorobenzene	**97 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-16	Date Reported:	02-11-02
Laboratory Number:	22019	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96 %**
	1,4-difluorobenzene	**96 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	02-11-TPH QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22014 - 22023.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-11-BTEX QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept. Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22014 - 22023.**

Analyst

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CHAIN OF CUSTODY RECORD

09781

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop NM
Sampler: KPK	Client No. 91020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
~~20R + 19R~~ Cell R-20 + R-19	2/7/02	12:00	22016	30:1	1	✓	✓					5pt Composite Closure Samples
~~18R~~ Cell R-18		12:15	22017		1	✓	✓					
~~17R~~ Cell R-17		12:45	22018		1	✓	✓					
~~16R~~ Cell R-16		13:00	22019		1	✓	✓					
~~17Q~~ Cell Q-17		13:30	22020		1	✓	✓					
~~17P~~ Cell P-17		13:45	22021		1	✓	✓					
~~17O~~ Cell O-17		14:00	22022		1	✓	✓					
~~17N~~ Cell N-17		14:15	22023		1	✓	✓					

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/7/02	15:30	Christine Walters	2-7-02	15:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

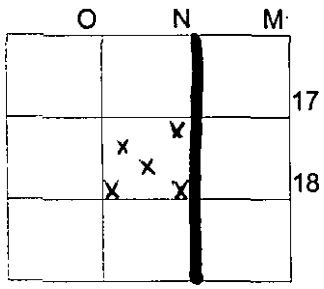
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	10/29/1998		Lindrith C7 Loop	220
EPFS	97057-03	02/09/1999		Kutz Plant	20
EPFS	97057-03	02/10/1999		Kutz Plant	80

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): N - 18

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-18/21958	PASS	<0.0018	<0.0022	13.0

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	N-18	Date Reported:	01-30-02
Laboratory Number:	21958	Date Sampled:	01-28-02
Chain of Custody No:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Extracted:	01-29-02
Preservative:	Cool	Date Analyzed:	01-30-02
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)	**13.0**	**0.1**
Total Petroleum Hydrocarbons	**13.0**	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	N-18	Date Reported:	01-30-02
Laboratory Number:	21958	Date Sampled:	01-28-02
Chain of Custody:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Analyzed:	01-30-02
Preservative:	Cool	Date Extracted:	01-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**94 %**
	1,4-difluorobenzene	**94 %**
	Bromochlorobenzene	**94 %**

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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-30-BTEX QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc:	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range:	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	19.8	20.0	1.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	19.8	50.0	69.7	99.9%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	100	100.0%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21956 - 21965.**

Analyst

Review

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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:	01-30-TPH QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**4.2**	**4.2**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**4.2**	**250**	**254**	**99.8%**	**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 21956 - 21965.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09764

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 91020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH	Remarks
N-20 & N-19	1/28/02	1130	21956	SO:1	1	✓	✓	
O-20 & O-19		1200	21957		1	✓	✓	
N-18		1230	21958		1	✓	✓	
O-18		1300	21959		1	✓	✓	
P-20 & P-19		1330	21960		1	✓	✓	
Q-19		1345	21961		1	✓	✓	
Q-18		1400	21962		1	✓	✓	
P-18		1430	21963		1	✓	✓	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/28/02	15:00	Christa Walter	1/28/02	15:00
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

Date: 8/01/02

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

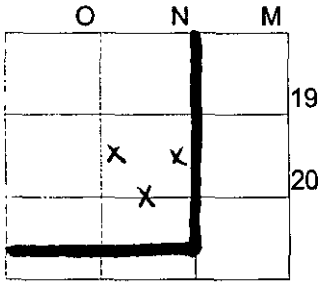
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	10/29/1998		Lindrith C7 Loop	230
EPFS	96003-39	10/29/1998		Lindrith C7 Loop	30
EPFS	97057-03	02/09/1999		Kutz Plant	20

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): N - 19

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-19/21956	PASS	<0.0018	0.0198	4.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

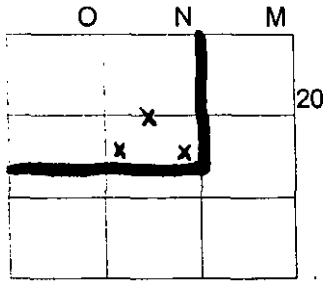
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	10/30/1998		Lindrith C7 Loop	212
EPFS	97057-03	02/09/1999		Kutz Plant	20

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): N - 20

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-20/21956	PASS	<0.0018	0.0198	4.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	N-20 & N-19	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	01-28-02
Chain of Custody:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Analyzed:	01-30-02
Preservative:	Cool	Date Extracted:	01-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**19.8**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**19.8**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**100 %**
	1,4-difluorobenzene	**100 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	N-20 & N-19	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	01-28-02
Chain of Custody No:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Extracted:	01-29-02
Preservative:	Cool	Date Analyzed:	01-30-02
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)	**4.2**	**0.1**
Total Petroleum Hydrocarbons	**4.2**	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-30-BTEX QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	19.8	20.0	1.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	19.8	50.0	69.7	99.9%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	100	100.0%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21956 - 21965.**

Analyst

Review

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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:	01-30-TPH QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**4.2**	**4.2**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**4.2**	**250**	**254**	**99.8%**	**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 21956 - 21965.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09764

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop, NM
Sampler: KPK	Client No. 91020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
N-20 & N-19	1/28/02	1130	21956	SO:1	1	✓	✓					
O-20 & O-19		1200	21957		1	✓	✓					
N-18		1230	21958		1	✓	✓					
O-18		1300	21959		1	✓	✓					
P-20 & P-19		1330	21960		1	✓	✓					
Q-19		1345	21961		1	✓	✓					
Q-18		1400	21962		1	✓	✓					
P-18		1430	21963		1	✓	✓					

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/28/02	15:00	Mista Walter	1/28/02	15:00
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

Date: 8/02/02

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

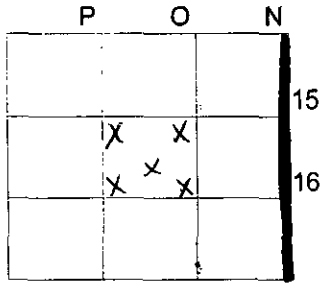
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-06	02/16/1999		Heath Plant	32
EPFS	97057-09	02/17/1999		Argo #1E	10
EPFS	97057-02	02/17/1999	Glycol	Balard Plant	12

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): O - 15

Sample Date: 5/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-15/22824	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	O 15	Date Reported:	05-30-02
Laboratory Number:	22824	Date Sampled:	05-28-02
Chain of Custody No:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Extracted:	05-29-02
Preservative:	Cool	Date Analyzed:	05-30-02
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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	O 15	Date Reported:	05-30-02
Laboratory Number:	22824	Date Sampled:	05-28-02
Chain of Custody:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Analyzed:	05-30-02
Preservative:	Cool	Date Extracted:	05-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	05-30-TPH QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22819 - 22827.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-30-BTEX QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6.2661E-002	6.2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22819 - 22826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09068

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 9020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
Q16	5/28/02	14:50	22819	SO:1	1	✓	✓					5 pt. Comp Closure
Q15		15:08	22820		1	✓	✓					Samples
P16		15:30	22821		1	✓	✓					
P15		15:40	22822		1	✓	✓					
O16		16:09	22823		1	✓	✓					
O15		16:10	22824		1	✓	✓					
N16		16:15	22825		1	✓	✓					
N15		1620	22826		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	5/28/02	17:00	Received by: (Signature)	5/28/02	1700
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

Date: 8/02/02

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

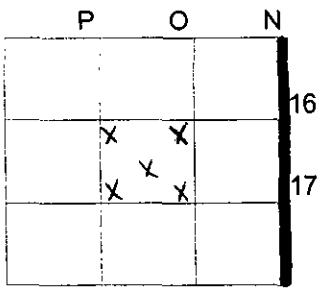
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-06	02/15/1999	Glycol	Heath Plant	132

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): O - 16

Sample Date: 5/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-16/22823	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	O 16	Date Reported:	05-30-02
Laboratory Number:	22823	Date Sampled:	05-28-02
Chain of Custody No:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Extracted:	05-29-02
Preservative:	Cool	Date Analyzed:	05-30-02
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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	O 16	Date Reported:	05-30-02
Laboratory Number:	22823	Date Sampled:	05-28-02
Chain of Custody:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Analyzed:	05-30-02
Preservative:	Cool	Date Extracted:	05-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	05-30-TPH QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22819 - 22827.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-30-BTEX QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc:	Detect. Limit
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6.2661E-002	6.2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22819 - 22826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09068

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop, NM
Sampler: KPK	Client No. 9020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH	Remarks
Q16	5/28/02	14:50	22819	SO:1	1	✓	✓	5 pt. Comp Closure
Q15		15:08	22820		1	✓	✓	Samples
P16		15:30	22821		1	✓	✓	
P15		15:40	22822		1	✓	✓	
O16		16:00	22823		1	✓	✓	
O15		16:10	22824		1	✓	✓	
N16		16:15	22825		1	✓	✓	
N15		1620	22826		1	✓	✓	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	5/28/02	17:00	[signature]	5/28/02	1700
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

Date: 8/01/02

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

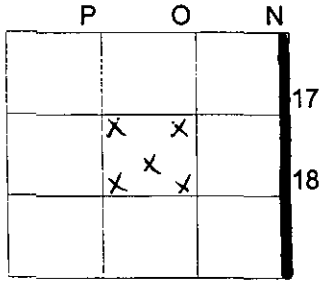
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 97057-08 & 96003-38	06/10/1999	N Pond	Kutz Separator	96
EPFS 97057-03	2/10-2/11/99		Kutz	262

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): O - 17

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-17/22022	PASS	0.0052	0.060	16.4

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell O-17	Date Reported:	02-11-02
Laboratory Number:	22022	Date Sampled:	02-07-02
Chain of Custody No:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Extracted:	02-08-02
Preservative:	Cool	Date Analyzed:	02-11-02
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)	**16.4**	**0.1**
Total Petroleum Hydrocarbons	**16.4**	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell O-17	Date Reported:	02-11-02
Laboratory Number:	22022	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**5.2**	**1.8**
Toluene	**54.8**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**60.0**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97 %**
	1,4-difluorobenzene	**97 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	02-11-TPH QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22014 - 22023.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-11-BTEX QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept. Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22014 - 22023.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09781

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop NM
Sampler: KPK	Client No. 91020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
Cell R-20 + R-19 ~~20R + 19R~~	2/7/02	12:00	22016	30:1	1	✓	✓					5pt Composite Closure Samples
~~18R~~ Cell R-18		12:15	22017		1	✓	✓					
~~17R~~ Cell R-17		12:45	22018		1	✓	✓					
~~16R~~ Cell R-16		13:00	22019		1	✓	✓					
~~17Q~~ Cell Q-17		13:30	22020		1	✓	✓					
~~17P~~ Cell P-17		13:45	22021		1	✓	✓					
~~17O~~ Cell O-17		14:00	22022		1	✓	✓					
~~17N~~ Cell N-17		14:15	22023		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/7/02	15:30	Christine Walters	2-7-02	15:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

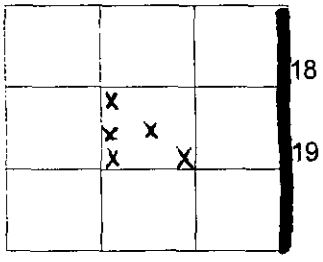
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	11/06/1998	Lean Oil Tank	Blanco	220
EPFS	97057-03	11/06/1998	Lean Oil Tank	Blanco	20
EPFS	97057-03	11/06/1998	Lean Oil Tank	Blanco	80
EPFS	97057-03	02/09/1999		Kutz Plant	80
EPFS	97057-03	02/10/1999		Kutz Plant	80

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): O - 18

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-18/21959	PASS	<0.0018	<0.0022	12.1

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	O-18	Date Reported:	01-30-02
Laboratory Number:	21959	Date Sampled:	01-28-02
Chain of Custody No:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Extracted:	01-29-02
Preservative:	Cool	Date Analyzed:	01-30-02
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)	**12.1**	**0.1**
Total Petroleum Hydrocarbons	**12.1**	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	O-18	Date Reported:	01-30-02
Laboratory Number:	21959	Date Sampled:	01-28-02
Chain of Custody:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Analyzed:	01-30-02
Preservative:	Cool	Date Extracted:	01-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**94 %**
	1,4-difluorobenzene	**94 %**
	Bromochlorobenzene	**94 %**

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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-30-BTEX QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	19.8	20.0	1.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	19.8	50.0	69.7	99.9%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	100	100.0%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21956 - 21965.**

Analyst

Review

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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:	01-30-TPH QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**4.2**	**4.2**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**4.2**	**250**	**254**	**99.8%**	**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 21956 - 21965.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09764

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop, NM
Sampler: KPK	Client No. 91020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
						ANALYSIS / PARAMETERS						
N-20 & N-19	1/28/02	1130	21956	SO:1	1	✓	✓					
O-20 & O-19		1200	21957		1	✓	✓					
N-18		1230	21958		1	✓	✓					
O-18		1300	21959		1	✓	✓					
P-20 & P-19		1330	21960		1	✓	✓					
Q-19		1345	21961		1	✓	✓					
Q-18		1400	21962		1	✓	✓					
P-18	↓	1430	21963	↓	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/28/02	15:00	Christa Walter	1/28/02	15:00
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

Date: 8/01/02

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

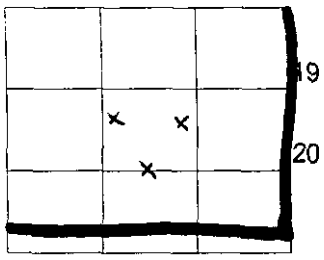
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	96033-08	11/06/1998	Lean Oil Tank	Blanco	24
EPNG	96033-08	11/06/1998	Lean Oil Tank	Blanco	24
EPNG	96033-08	11/07/1998	Lean Oil Tank	Blanco	126

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): O - 19

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-19/21957	PASS	<0.0018	0.154	34.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

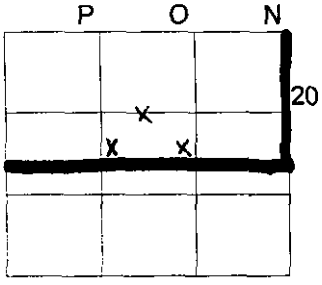
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-03	02/09/1999		Kutz Plant	100
EPFS	97057-03	02/10/1999		Kutz Plant	60

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): O - 20

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-20/21957	PASS	<0.0018	0.154	34.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	O-20 & O-19	Date Reported:	01-30-02
Laboratory Number:	21957	Date Sampled:	01-28-02
Chain of Custody No:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Extracted:	01-29-02
Preservative:	Cool	Date Analyzed:	01-30-02
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)	**34.3**	**0.1**
Total Petroleum Hydrocarbons	**34.3**	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	O-20 & O-19	Date Reported:	01-30-02
Laboratory Number:	21957	Date Sampled:	01-28-02
Chain of Custody:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Analyzed:	01-30-02
Preservative:	Cool	Date Extracted:	01-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**136**	**1.7**
Ethylbenzene	**5.2**	**1.5**
p,m-Xylene	**12.6**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**154**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-30-BTEX QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	19.8	20.0	1.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	19.8	50.0	69.7	99.9%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	100	100.0%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21956 - 21965.**

Analyst

Review

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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:	01-30-TPH QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**4.2**	**4.2**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**4.2**	**250**	**254**	**99.8%**	**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 21956 - 21965.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09764

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 91020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH	Remarks
N-20 & N-19	1/28/02	1130	21956	SO:1	1	✓	✓	
O-20 & O-19		1200	21957		1	✓	✓	
N-18		1230	21958		1	✓	✓	
O-18		1300	21959		1	✓	✓	
P-20 & P-19		1330	21960		1	✓	✓	
Q-19		1345	21961		1	✓	✓	
Q-18		1400	21962		1	✓	✓	
P-18		1430	21963		1	✓	✓	

	Date	Time		Date	Time
Relinquished by: (Signature)	1/28/02	15:00	Received by: (Signature) Christa Walter	1/28/02	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/02/02

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

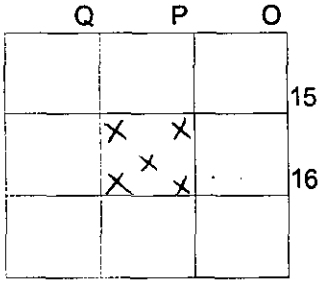
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-02	02/16/1999	Glycol	Balard Plant	12

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): P - 15

Sample Date: 5/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-15/22822	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	P 15	Date Reported:	05-30-02
Laboratory Number:	22822	Date Sampled:	05-28-02
Chain of Custody No:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Extracted:	05-29-02
Preservative:	Cool	Date Analyzed:	05-30-02
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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	P 15	Date Reported:	05-30-02
Laboratory Number:	22822	Date Sampled:	05-28-02
Chain of Custody:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Analyzed:	05-30-02
Preservative:	Cool	Date Extracted:	05-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: ***LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.***

Analyst

Review

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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:	05-30-TPH QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22819 - 22827.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-30-BTEX QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6.2661E-002	6.2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22819 - 22826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09068

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 9020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH	Remarks
Q16	5/28/02	14:50	22819	SO:1	1	✓	✓	5 pt. Comp Closure
Q15		15:08	22820		1	✓	✓	Samples
P16		15:30	22821		1	✓	✓	
P15		15:40	22822		1	✓	✓	
O16		16:00	22823		1	✓	✓	
O15		16:10	22824		1	✓	✓	
N16		16:15	22825		1	✓	✓	
N15		1620	22826		1	✓	✓	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	5/28/02	17:00		5/28/02	1700
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

Date: 8/02/02

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

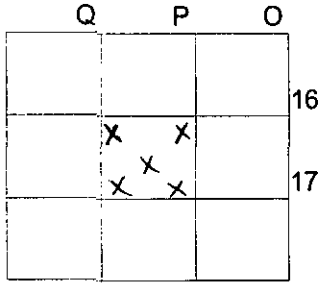
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-21	01/18/2000		Chaco	174
EPFS	97057-12	06/14/1999		Maritnez Comp	8
EPFS	97057-06	02/05/1999		Heath Plant	20
EPFS	97057-22	01/18/2000		Largo	10

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): P - 16

Sample Date: 5/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-16/22821	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	P 16	Date Reported:	05-30-02
Laboratory Number:	22821	Date Sampled:	05-28-02
Chain of Custody No:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Extracted:	05-29-02
Preservative:	Cool	Date Analyzed:	05-30-02
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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	P 16	Date Reported:	05-30-02
Laboratory Number:	22821	Date Sampled:	05-28-02
Chain of Custody:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Analyzed:	05-30-02
Preservative:	Cool	Date Extracted:	05-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	05-30-TPH QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22819 - 22827.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-30-BTEX QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6.2661E-002	6.2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept. Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22819 - 22826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09068

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop, NM
Sampler: KPK	Client No. 9020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH	Remarks
Q16	5/28/02	14:50	22819	SO:1	1	✓	✓	5 pt. Comp Closure
Q15		15:08	22820		1	✓	✓	Samples
P16		15:30	22821		1	✓	✓	
P15		15:40	22822		1	✓	✓	
O16		16:00	22823		1	✓	✓	
O15		16:10	22824		1	✓	✓	
N16		16:15	22825		1	✓	✓	
N15		1620	22826		1	✓	✓	

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	5/28/02	17:00	[signature]	5/28/02	1700
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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(505) 632-0615

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

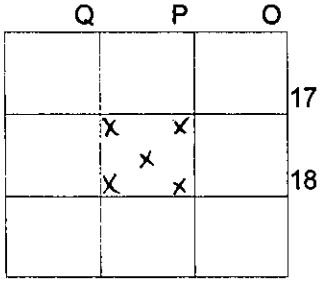
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
Cross Timbers	98031-05	11/28/1999		Fed Gas Com H #1	20
EPFS	97057-19	12/20/1999		Kutz Plant	1
EPFS	97057	02/16/2000	Pig Rec.	Lindrith to Chaco	80
EPFS	97057	06/16/2000		Jaquez Com C #1 E #1	12
EPFS	97057	06/16/2000		Jaquez Com C #1 E #1	10

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): P - 17

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-17/22021	PASS	<0.0018	0.0316	9.5

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

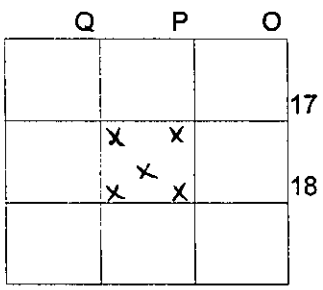
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-03	02/10/1999		Kutz Plant	122
EPFS	97057-26	06/05/2000		Kutz Separator	24

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): P - 17 cont

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-17/22021	PASS	<0.0018	0.0316	9.5

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell P-17	Date Reported:	02-11-02
Laboratory Number:	22021	Date Sampled:	02-07-02
Chain of Custody No:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Extracted:	02-08-02
Preservative:	Cool	Date Analyzed:	02-11-02
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)	**9.5**	**0.1**
Total Petroleum Hydrocarbons	**9.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

Comments: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell P-17	Date Reported:	02-11-02
Laboratory Number:	22021	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**31.6**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**31.6**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97 %**
	1,4-difluorobenzene	**97 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	02-11-TPH QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22014 - 22023.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-11-BTEX QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22014 - 22023.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09781

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop NM
Sampler: KPK	Client No. 91020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
												5pt Composite Closure Samples
~~20R + 19R~~ Cell R-20 + R-19	2/7/02	12:00	22016	30:1	1	✓	✓					
~~18R~~ Cell R-18		12:15	22017		1	✓	✓					
~~17R~~ Cell R-17		12:45	22018		1	✓	✓					
~~16R~~ Cell R-16		13:00	22019		1	✓	✓					
~~17Q~~ Cell Q-17		13:30	22020		1	✓	✓					
~~17P~~ Cell P-17		13:45	22021		1	✓	✓					
~~17O~~ Cell O-17		14:00	22022		1	✓	✓					
~~17N~~ Cell N-17		14:15	22023		1	✓	✓					

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/7/02	15:30	Christine Walters	2-7-02	15:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

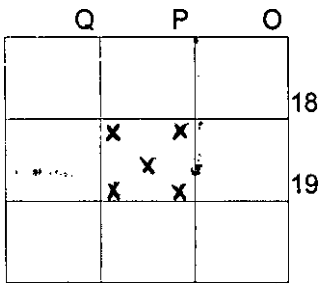
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057-03	02/10/1999		Kutz Plant	40
EPFS	97057-26	06/05/2000		Kutz Separator	48

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): P - 18

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-18/21963	PASS	<0.0018	0.127	15.6

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	P-18	Date Reported:	01-30-02
Laboratory Number:	21963	Date Sampled:	01-28-02
Chain of Custody No:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Extracted:	01-29-02
Preservative:	Cool	Date Analyzed:	01-30-02
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)	**15.6**	**0.1**
Total Petroleum Hydrocarbons	**15.6**	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	P-18	Date Reported:	01-30-02
Laboratory Number:	21963	Date Sampled:	01-28-02
Chain of Custody:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Analyzed:	01-30-02
Preservative:	Cool	Date Extracted:	01-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**119**	**1.7**
Ethylbenzene	**7.5**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**127**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-30-BTEX QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	19.8	20.0	1.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	19.8	50.0	69.7	99.9%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	100	100.0%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21956 - 21965.**

Analyst

Review

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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:	01-30-TPH QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**4.2**	**4.2**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**4.2**	**250**	**254**	**99.8%**	**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 21956 - 21965.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09764

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 91020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
N-20 & N-19	1/28/02	1130	21956	SOIL	1	✓	✓					
O-20 & O-19		1200	21957		1	✓	✓					
N-18		1230	21958		1	✓	✓					
O-18		1300	21959		1	✓	✓					
P-20 & P-19		1330	21960		1	✓	✓					
Q-19		1345	21961		1	✓	✓					
Q-18		1400	21962		1	✓	✓					
P-18		1430	21963		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1/28/02	15:00	Christa Walter	1/28/02	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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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

Date: 8/01/02

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

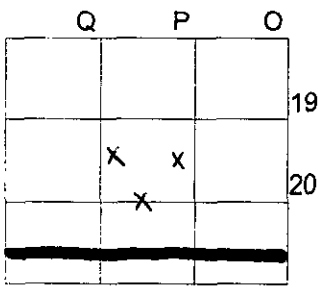
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057	06/14/2000	Com C #1 E #1	Blanco	42
EPFS	97057-03	2/9-2/10/2		Kutz Plant	60

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): P - 19

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-18/21960	PASS	<0.0018	0.192	10.4

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

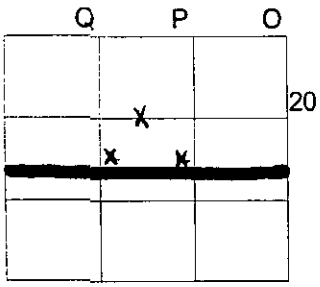
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057	11/06/1998	Com C #1 E #1	Blanco	54
EPFS	97057-31	11/06/1998	Com C #1 E #1	Blanco	50
EPFS	97057-31	11/06/1998	Com C #1 E #1	Blanco	90
EPFS	97057-31	02/09/1999	Com C #1 E #1	Blanco	54
EPFS	97057-03	2/9-2/10/2		Kutz Plant	80

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): P - 20

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-20/21960	PASS	<0.0018	0.192	10.4

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	P-20 & P-19	Date Reported:	01-30-02
Laboratory Number:	21960	Date Sampled:	01-28-02
Chain of Custody No:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Extracted:	01-29-02
Preservative:	Cool	Date Analyzed:	01-30-02
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)	**10.1**	**0.1**
Total Petroleum Hydrocarbons	**10.4**	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	P-20 & P-19	Date Reported:	01-30-02
Laboratory Number:	21960	Date Sampled:	01-28-02
Chain of Custody:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Analyzed:	01-30-02
Preservative:	Cool	Date Extracted:	01-29-02
Condition:	*Cool & Intact*	*Analysis Requested:*	*BTEX*

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**103**	**1.7**
Ethylbenzene	**6.9**	**1.5**
p,m-Xylene	**59.3**	**2.2**
o-Xylene	**22.4**	**1.0**
Total BTEX	**192**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**94 %**
	1,4-difluorobenzene	**94 %**
	Bromochlorobenzene	**94 %**

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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-30-BTEX QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	19.8	20.0	1.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	19.8	50.0	69.7	99.9%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	100	100.0%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21956 - 21965.**

Analyst

Review

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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:	01-30-TPH QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**4.2**	**4.2**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**4.2**	**250**	**254**	**99.8%**	**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 21956 - 21965.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09764

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 9/020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
N-20 & N-19	1/28/02	1130	21956	SO:1	1	✓	✓					
O-20 & O-19		1200	21957		1	✓	✓					
N-18		1230	21958		1	✓	✓					
O-18		1300	21959		1	✓	✓					
P-20 & P-19		1330	21960		1	✓	✓					
Q-19		1345	21961		1	✓	✓					
Q-18		1400	21962		1	✓	✓					
P-18		1430	21963		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1/28/02	15:00	Christa Walter	1/28/02	15:06
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

Date: 8/02/02

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

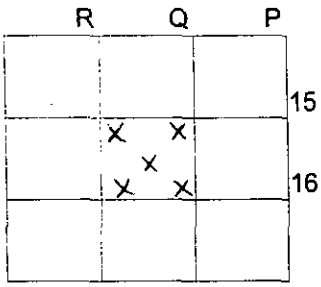
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057	02/15/2000	Pig Reciever	Lindrith to Chaco	120
EPFS	97057-22	02/11/2002		Largo	29bbl

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): Q - 15

Sample Date: 5/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell Q-15/22820	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Q 15	Date Reported:	05-30-02
Laboratory Number:	22820	Date Sampled:	05-28-02
Chain of Custody No:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Extracted:	05-29-02
Preservative:	Cool	Date Analyzed:	05-30-02
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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Q 15	Date Reported:	05-30-02
Laboratory Number:	22820	Date Sampled:	05-28-02
Chain of Custody:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Analyzed:	05-30-02
Preservative:	Cool	Date Extracted:	05-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	05-30-TPH QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22819 - 22827.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-30-BTEX QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6.2661E-002	6.2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22819 - 22826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09068

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 9020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH	Remarks
Q16	5/28/02	14:50	22819	SO:1	1	✓	✓	5 pt. Comp Closure Samples
Q15		15:08	22820		1	✓	✓	
P16		15:30	22821		1	✓	✓	
P15		15:40	22822		1	✓	✓	
O16		16:00	22823		1	✓	✓	
O15		16:10	22824		1	✓	✓	
N16		16:15	22825		1	✓	✓	
N15		1620	22826		1	✓	✓	

	Date	Time		Date	Time
Relinquished by: (Signature)	5/28/02	17:00	Received by: (Signature)	5/28/02	1700
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

Date: 8/02/02

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

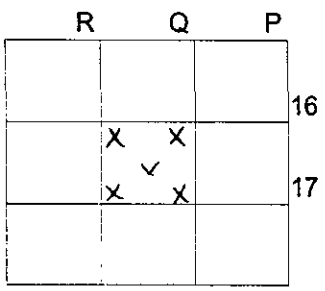
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 97057	02/16/2000	Pig Reciever	Lindrith to Chaco	10

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): Q - 16

Sample Date: 5/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell Q-16/22819	PASS	<0.0018	<0.0022	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Q 16	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	05-28-02
Chain of Custody No:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Extracted:	05-29-02
Preservative:	Cool	Date Analyzed:	05-30-02
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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Q 16	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	05-28-02
Chain of Custody:	9068	Date Received:	05-28-02
Sample Matrix:	Soil	Date Analyzed:	05-30-02
Preservative:	Cool	Date Extracted:	05-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**94 %**
	1,4-difluorobenzene	**94 %**
	Bromochlorobenzene	**94 %**

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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	05-30-TPH QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22819 - 22827.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-30-BTEX QA/QC	Date Reported:	05-30-02
Laboratory Number:	22819	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6.2661E-002	6.2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22819 - 22826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09068

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop, NM
Sampler: KPK	Client No. 9020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
Q16	5/28/02	14:50	22819	SO:1	1	✓	✓					5 pt. Comp Closure
Q15		15:08	22820		1	✓	✓					Samples
P16		15:30	22821		1	✓	✓					
P15		15:40	22822		1	✓	✓					
O16		16:09	22823		1	✓	✓					
O15		16:14	22824		1	✓	✓					
N16		16:15	22825		1	✓	✓					
N15		1620	22826		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	5/28/02	17:00	[signature]	5/28/02	1700
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

Date: 8/01/02

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

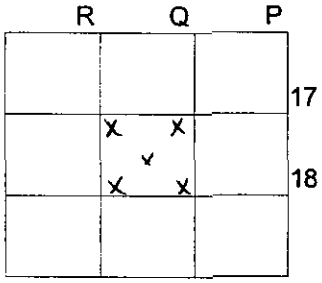
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	97057	02/16/2000	Pig Receiver	Lindrith to Chaco	40
EPFS	97057-25	04/20/2000	Waste Oil Clean up	Manazanares	24

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): Q - 17

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell Q-17/22020	PASS	<0.0018	0.107	23.3

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell Q-17	Date Reported:	02-11-02
Laboratory Number:	22020	Date Sampled:	02-07-02
Chain of Custody No:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Extracted:	02-08-02
Preservative:	Cool	Date Analyzed:	02-11-02
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)	**23.3**	**0.1**
Total Petroleum Hydrocarbons	**23.3**	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell Q-17	Date Reported:	02-11-02
Laboratory Number:	22020	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**107**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**107**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96 %**
	1,4-difluorobenzene	**96 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

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:	02-11-TPH QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22014 - 22023.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-11-BTEX QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22014 - 22023.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09781

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop NM
Sampler: KPK	Client No. 91020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
~~Cell R-20 + R-19 20R+19R~~	2/7/02	12:00	22016	30:1	1	✓	✓					5pt Composite Closure Samples
~~18R~~ Cell R-18		12:15	22017		1	✓	✓					
~~17R~~ Cell R-17		12:45	22018		1	✓	✓					
~~16R~~ Cell R-16		13:00	22019		1	✓	✓					
~~17Q~~ Cell Q-17		13:30	22020		1	✓	✓					
~~17P~~ Cell P-17		13:45	22021		1	✓	✓					
~~17O~~ Cell O-17		14:00	22022		1	✓	✓					
~~17N~~ Cell N-17		14:15	22023		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/7/02	15:30	Christine Walters	2-7-02	15:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

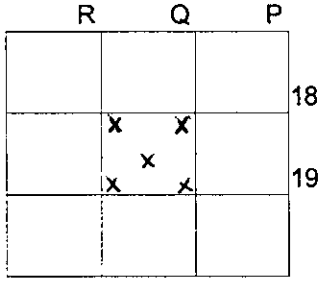
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): Q - 18

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell Q-18/21962	PASS	<0.0018	0.119	42.4

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Q-18	Date Reported:	01-30-02
Laboratory Number:	21962	Date Sampled:	01-28-02
Chain of Custody No:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Extracted:	01-29-02
Preservative:	Cool	Date Analyzed:	01-30-02
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)	**42.2**	**0.1**
Total Petroleum Hydrocarbons	**42.4**	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Q-18	Date Reported:	01-30-02
Laboratory Number:	21962	Date Sampled:	01-28-02
Chain of Custody:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Analyzed:	01-30-02
Preservative:	Cool	Date Extracted:	01-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**119**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**119**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-30-BTEX QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	19.8	20.0	1.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	19.8	50.0	69.7	99.9%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	100	100.0%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21956 - 21965.**

Analyst

Review

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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:	01-30-TPH QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**4.2**	**4.2**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**4.2**	**250**	**254**	**99.8%**	**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 21956 - 21965.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09764

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: KPK	Client No. 9/020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
N-20 & N-19	1/28/02	1130	21956	50:1	1	✓	✓					
O-20 & O-19		1200	21957		1	✓	✓					
N-18		1230	21958		1	✓	✓					
O-18		1300	21959		1	✓	✓					
P-20 & P-19		1330	21960		1	✓	✓					
Q-19		1345	21961		1	✓	✓					
Q-18		1400	21962		1	✓	✓					
P-18		1430	21963		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1/28/02	15:00	Christa Walter	1/28/02	15:06
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

Date: 8/01/02

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

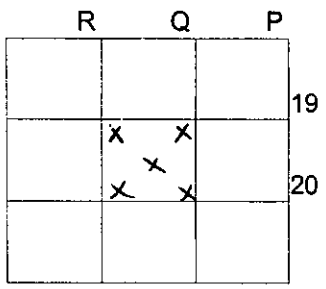
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 97057	08/21/2000		Lateral 2C	120

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): Q - 19

Sample Date: 1/28/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell Q-19/21961	PASS	<0.0018	<0.0022	32.4

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Q-19	Date Reported:	01-30-02
Laboratory Number:	21961	Date Sampled:	01-28-02
Chain of Custody No:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Extracted:	01-29-02
Preservative:	Cool	Date Analyzed:	01-30-02
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)	**32.4**	**0.1**
Total Petroleum Hydrocarbons	**32.4**	**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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Q-19	Date Reported:	01-30-02
Laboratory Number:	21961	Date Sampled:	01-28-02
Chain of Custody:	9764	Date Received:	01-28-02
Sample Matrix:	Soil	Date Analyzed:	01-30-02
Preservative:	Cool	Date Extracted:	01-29-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**94 %**
	1,4-difluorobenzene	**94 %**
	Bromochlorobenzene	**94 %**

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: **LF 2 - 5, Hilltop, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-30-BTEX QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	*Soil*	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	19.8	20.0	1.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	19.8	50.0	69.7	99.9%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	100	100.0%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21956 - 21965.**

Analyst

Review

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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:	01-30-TPH QA/QC	Date Reported:	01-30-02
Laboratory Number:	21956	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-30-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**4.2**	**4.2**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**4.2**	**250**	**254**	**99.8%**	**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 21956 - 21965.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09764

Client / Project Name	Project Location
Envirotech	LF2-5, Hilltop, NM
Sampler: KPK	Client No. 9/020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
N-20 & N-19	1/28/02	1130	21956	SO:1	1	✓	✓					
O-20 & O-19		1200	21957		1	✓	✓					
N-18		1230	21958		1	✓	✓					
O-18		1300	21959		1	✓	✓					
P-20 & P-19		1330	21960		1	✓	✓					
Q-19		1345	21961		1	✓	✓					
Q-18		1400	21962		1	✓	✓					
P-18		1430	21963		1	✓	✓					

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1/28/02	15:00	Christa Walter	1/28/02	15:00
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

Date: 8/01/02

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

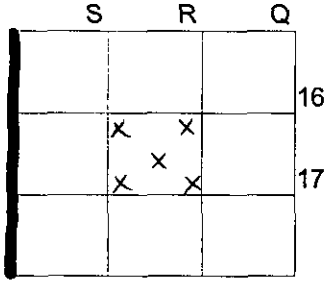
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	01/20/1999		Southern Union #1	72
Phillips Pet.	96052-06	04/28/2000		SJ 31-6 #232	5

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): R - 16

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-16/22019	PASS	<0.0018	<0.0022	42

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-16	Date Reported:	02-11-02
Laboratory Number:	22019	Date Sampled:	02-07-02
Chain of Custody No:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Extracted:	02-08-02
Preservative:	Cool	Date Analyzed:	02-11-02
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)	**42.0**	**0.1**
Total Petroleum Hydrocarbons	**42.0**	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-16	Date Reported:	02-11-02
Laboratory Number:	22019	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96 %**
	1,4-difluorobenzene	**96 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	02-11-TPH QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22014 - 22023.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-11-BTEX QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit.
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit.
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22014 - 22023.**

Analyst

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CHAIN OF CUSTODY RECORD

09781

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop NM	

Sampler:	Client No.	No. of Containers	BTEX	TPH					Remarks
KPK	91020-005								5pt Composite Closure Samples

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
~~Cell R-20 + R-19 20R+19R~~	2/7/02	12:00	22016	30:1	1	✓	✓					
~~18R~~ Cell R-18		12:15	22017		1	✓	✓					
~~17R~~ Cell R-17		12:45	22018		1	✓	✓					
~~16R~~ Cell R-16		13:00	22019		1	✓	✓					
~~17Q~~ Cell Q-17		13:30	22020		1	✓	✓					
~~17P~~ Cell P-17		13:45	22021		1	✓	✓					
~~17O~~ Cell O-17		14:00	22022		1	✓	✓					
~~17N~~ Cell N-17		14:15	22023		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/7/02	15:30	Christine Walters	2-7-02	15:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

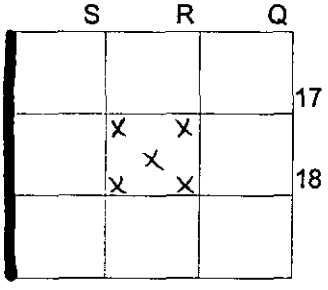
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	01/20/1999		Southern Union #1	84

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): R - 17

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-17/22018	PASS	0.0026	0.0879	12.2

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-17	Date Reported:	02-11-02
Laboratory Number:	22018	Date Sampled:	02-07-02
Chain of Custody No:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Extracted:	02-08-02
Preservative:	Cool	Date Analyzed:	02-11-02
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)	**12.2**	**0.1**
Total Petroleum Hydrocarbons	**12.2**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

Comments: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-17	Date Reported:	02-11-02
Laboratory Number:	22018	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**2.6**	**1.8**
Toluene	**83.3**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**2.0**	**1.0**
Total BTEX	**87.9**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96 %**
	1,4-difluorobenzene	**96 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	02-11-TPH QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis Requested:	TPH

	Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22014 - 22023.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-11-BTEX QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range: 15%	Blank Conc	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept. Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22014 - 22023.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09781

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop NM	

Sampler:	Client No.	
KPK	91020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
~~20R + 19R~~ Cell R-20 & R-19	2/7/02	12:00	22016	30:1	1	✓	✓					5pt Composite Closure Samples
~~18R~~ Cell R-18		12:15	22017		1	✓	✓					
~~17R~~ Cell R-17		12:45	22018		1	✓	✓					
~~16R~~ Cell R-16		13:00	22019		1	✓	✓					
~~17Q~~ Cell Q-17		13:30	22020		1	✓	✓					
~~17P~~ Cell P-17		13:45	22021		1	✓	✓					
~~17O~~ Cell O-17		14:00	22022		1	✓	✓					
~~17N~~ Cell N-17		14:15	22023		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/7/02	15:30	Christine Walters	2-7-02	15:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

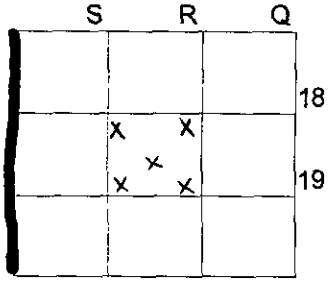
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	01/19/1999		Southern Union #1	12
EPFS	96003-39	01/20/1999		Southern Union #1	60

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): R - 18

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-18/22017	PASS	0.0038	0.0914	30.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-18	Date Reported:	02-11-02
Laboratory Number:	22017	Date Sampled:	02-07-02
Chain of Custody No:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Extracted:	02-08-02
Preservative:	Cool	Date Analyzed:	02-11-02
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)	**30.3**	**0.1**
Total Petroleum Hydrocarbons	**30.3**	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-18	Date Reported:	02-11-02
Laboratory Number:	22017	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**3.8**	**1.8**
Toluene	**87.6**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**91.4**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96 %**
	1,4-difluorobenzene	**96 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	02-11-TPH QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22014 - 22023.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-11-BTEX QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	%Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22014 - 22023.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09781

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop NM	
Sampler: KPK	Client No. 91020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
~~20R + 19R~~ Cell R-20 + R-19	2/7/02	12:00	22016	30:1	1	✓	✓					5pt Composite Closure Samples
~~18R~~ Cell R-18		12:15	22017		1	✓	✓					
~~17R~~ Cell R-17		12:45	22018		1	✓	✓					
~~16R~~ Cell R-16		13:00	22019		1	✓	✓					
~~17Q~~ Cell Q-17		13:30	22020		1	✓	✓					
~~17P~~ Cell P-17		13:45	22021		1	✓	✓					
~~17O~~ Cell O-17		14:00	22022		1	✓	✓					
~~17N~~ Cell N-17		14:15	22023		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/7/02	15:30	Christine Walters	2-7-02	15:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

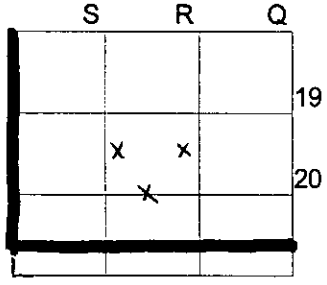
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	01/15/1999		Southern Union #1	72
EPFS	96003-39	01/19/1999		Southern Union #1	72
EPFS	97057-032	01/29/2001		Hart Canyon	8bbl

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): R - 19

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-19/22016	PASS	<0.0018	0.0358	62.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/01/02

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

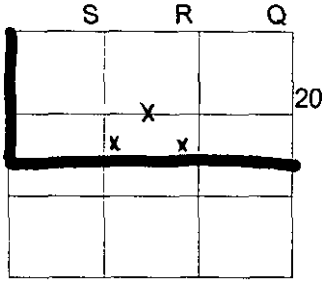
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-39	01/19/1999		Southern Union #1	48

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): R - 20

Sample Date: 2/07/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-20/22016	PASS	<0.0018	0.0358	62.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-20 & R-19	Date Reported:	02-11-02
Laboratory Number:	22016	Date Sampled:	02-07-02
Chain of Custody No:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Extracted:	02-08-02
Preservative:	Cool	Date Analyzed:	02-11-02
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)	**62.6**	**0.1**
Total Petroleum Hydrocarbons	**62.6**	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell R-20 & R-19	Date Reported:	02-11-02
Laboratory Number:	22016	Date Sampled:	02-07-02
Chain of Custody:	9781	Date Received:	02-07-02
Sample Matrix:	Soil	Date Analyzed:	02-11-02
Preservative:	Cool	Date Extracted:	02-08-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**35.8**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**35.8**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97 %**
	1,4-difluorobenzene	**97 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	02-11-TPH QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 22014 - 22023.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-11-BTEX QA/QC	Date Reported:	02-11-02
Laboratory Number:	22014	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.8	99.6%	39 - 150
Toluene	ND	50.0	49.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	49.8	99.6%	32 - 160
p,m-Xylene	ND	100	99.5	99.5%	46 - 148
o-Xylene	ND	50.0	49.8	99.6%	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 22014 - 22023.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

09781

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop NM	

Sampler:	Client No.
KPK	91020-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
~~20R + 19R~~ Cell R-20 & R-19	2/7/02	12:00	22016	30:1	1	✓	✓					5pt Composite Closure Samples
~~18R~~ Cell R-18		12:15	22017		1	✓	✓					
~~17R~~ Cell R-17		12:45	22018		1	✓	✓					
~~16R~~ Cell R-16		13:00	22019		1	✓	✓					
~~17Q~~ Cell Q-17		13:30	22020		1	✓	✓					
~~17P~~ Cell P-17		13:45	22021		1	✓	✓					
~~17O~~ Cell O-17		14:00	22022		1	✓	✓					
~~17N~~ Cell N-17		14:15	22023		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/7/02	15:30	Christine Walters	2-7-02	15:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 1/27/02

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

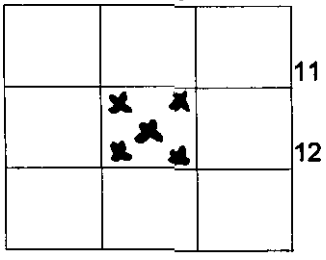
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): U - 11

Sample Date: 1/11/02 Sampler: KPK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell U-11/21806	PASS	<0.0018	0.054	1.7

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Lab Coordinator/Environmental Biologist

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_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	U - 11	Date Reported:	01-22-02
Laboratory Number:	21806	Date Sampled:	01-11-02
Chain of Custody No:	8901	Date Received:	01-11-02
Sample Matrix:	Soil	Date Extracted:	01-15-02
Preservative:	Cool	Date Analyzed:	01-21-02
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)	**0.9**	**0.1**
Total Petroleum Hydrocarbons	**1.7**	**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: **LF 2 - 5, Hilltop, NM. 5 Pt. Composite Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	U - 11	Date Reported:	01-22-02
Laboratory Number:	21806	Date Sampled:	01-11-02
Chain of Custody:	8901	Date Received:	01-11-02
Sample Matrix:	Soil	Date Analyzed:	01-21-02
Preservative:	Cool	Date Extracted:	01-15-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**54.0**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**54.0**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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: **LF 2 - 5, Hilltop, NM 5 Pt. Composite Closure Sample.**

Analyst

Review

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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:	01-21-TPH QA/QC	Date Reported:	01-22-02
Laboratory Number:	21800	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-21-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	01-07-02	2.5028E-002	2.5003E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	01-07-02	1.2696E-002	1.2671E-002	**0.20%**	**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	**29.3**	**29.2**	**0.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**29.3**	**250**	**279**	**99.8%**	**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 21800 - 21809.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-21-BTEX QA/QC	Date Reported:	01-22-02
Laboratory Number:	21800	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-21-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.7143E-001	1.7195E-001	0.3%	ND	0.2
Toluene	9.4693E-002	9.4883E-002	0.2%	ND	0.2
Ethylbenzene	1.2284E-001	1.2321E-001	0.3%	ND	0.2
p,m-Xylene	1.0810E-001	1.0843E-001	0.3%	ND	0.2
o-Xylene	9.2106E-002	9.2290E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	9.3	9.5	2.2%	0 - 30%	1.8
Toluene	33.5	33.9	1.2%	0 - 30%	1.7
Ethylbenzene	13.0	13.2	1.5%	0 - 30%	1.5
p,m-Xylene	13.3	13.5	1.5%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.3	50.0	59.2	99.8%	39 - 150
Toluene	33.5	50.0	83.4	99.9%	46 - 148
Ethylbenzene	13.0	50.0	62.9	99.8%	32 - 160
p,m-Xylene	13.3	100	113	99.8%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 21800 - 21809.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

08901

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LF2-5, Hilltop, NM	
Sampler: [redacted] KPK	Client No. 91020-005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	TPH 8015					Remarks
												5pt Composite Closure Sample
X-13	1-11-02	9:00	21800	50:1	1	✓	✓					
X-12		9:15	21801		1	✓	✓					
V-13		9:45	21802		1	✓	✓					
V-12		10:00	21803		1	✓	✓					
U-13		10:15	21804		1	✓	✓					
U-12		10:30	21805		1	✓	✓					
U-11		11:00	21806		1	✓	✓					
T-14		11:15	21807		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[redacted]	1-11-02	11:30	Christine Walters	1-11-02	11:30
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	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell S - 19	Date Reported:	06-19-02
Laboratory Number:	23075	Date Sampled:	06-17-02
Chain of Custody No:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-19-02
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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell BB - 18	Date Reported:	06-19-02
Laboratory Number:	23076	Date Sampled:	06-17-02
Chain of Custody No:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-19-02
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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell V - 16	Date Reported:	06-19-02
Laboratory Number:	23077	Date Sampled:	06-17-02
Chain of Custody No:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-19-02
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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell EE - 14	Date Reported:	06-19-02
Laboratory Number:	23078	Date Sampled:	06-17-02
Chain of Custody No:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-19-02
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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell Q - 16	Date Reported:	06-19-02
Laboratory Number:	23079	Date Sampled:	06-17-02
Chain of Custody No:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-19-02
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, Hilltop, NM.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell N - 16	Date Reported:	06-19-02
Laboratory Number:	23080	Date Sampled:	06-17-02
Chain of Custody No:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-19-02
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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell P - 12	Date Reported:	06-19-02
Laboratory Number:	23081	Date Sampled:	06-17-02
Chain of Custody No:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-19-02
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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell P - 7	Date Reported:	06-19-02
Laboratory Number:	23082	Date Sampled:	06-17-02
Chain of Custody No:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Extracted:	06-18-02
Preservative:	Cool	Date Analyzed:	06-19-02
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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-19-TPH QA/QC	Date Reported:	06-19-02
Laboratory Number:	23075	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-19-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	**0.20%**	**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**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**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 23075 - 23082, 23092.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell S-19	Date Reported:	06-19-02
Laboratory Number:	23075	Date Sampled:	06-17-02
Chain of Custody:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-19-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**94 %**
	1,4-difluorobenzene	**94 %**
	Bromochlorobenzene	**94 %**

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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell BB - 18	Date Reported:	06-19-02
Laboratory Number:	23076	Date Sampled:	06-17-02
Chain of Custody:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-19-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**3.5**	**1.7**
Ethylbenzene	**2.2**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**4.2**	**1.0**
Total BTEX	**9.9**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**94 %**
	1,4-difluorobenzene	**94 %**
	Bromochlorobenzene	**94 %**

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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell V - 16	Date Reported:	06-19-02
Laboratory Number:	23077	Date Sampled:	06-17-02
Chain of Custody:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-19-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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, Hilltop, NM.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell EE - 14	Date Reported:	06-19-02
Laboratory Number:	23078	Date Sampled:	06-17-02
Chain of Custody:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-19-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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, Hilltop, NM.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell Q - 16	Date Reported:	06-19-02
Laboratory Number:	23079	Date Sampled:	06-17-02
Chain of Custody:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-19-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell N - 16	Date Reported:	06-19-02
Laboratory Number:	23080	Date Sampled:	06-17-02
Chain of Custody:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-19-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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, Hilltop, NM.**
Second Quarter 2002 Background Sample 24"-36" below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell P - 12	Date Reported:	06-19-02
Laboratory Number:	23081	Date Sampled:	06-17-02
Chain of Custody:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-19-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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, Hilltop, NM.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-005
Sample ID:	Cell P - 7	Date Reported:	06-19-02
Laboratory Number:	23082	Date Sampled:	06-17-02
Chain of Custody:	10011	Date Received:	06-17-02
Sample Matrix:	Soil	Date Analyzed:	06-19-02
Preservative:	Cool	Date Extracted:	06-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**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, Hilltop, NM.**
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-19-BTEX QA/QC	Date Reported:	06-19-02
Laboratory Number:	23075	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-19-02
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	2.6914E-002	2.6995E-002	0.3%	ND	0.2
Toluene	3.3709E-002	3.3777E-002	0.2%	ND	0.2
Ethylbenzene	5.8262E-002	5.8438E-002	0.3%	ND	0.2
p,m-Xylene	7.1891E-002	7.2107E-002	0.3%	ND	0.2
o-Xylene	5.4522E-002	5.4631E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	ND	50.0	49.9	99.8%	46 - 148
Ethylbenzene	ND	50.0	49.9	99.8%	32 - 160
p,m-Xylene	ND	100	99.8	99.8%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples 23075 - 23082, 23092.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

CHAIN OF CUSTODY RECORD

10011

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 Unit 5 ~~LF 2-5~~ Hilltop, N.M.	
Sampler: KPK & TLR	Client No. 91020-005	

	Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH					Remarks
													Second Quarter 2 Background Sample
Cell	S-19	6/17/02	10:10	23075	soil	1	✓	✓					24"-36" Below
Cell	BB-18	6/17/02	10:15	23076	soil	1	✓	✓					Treatment Zone
Cell	V-16	6/17/02	10:30	23077	soil	1	✓	✓					
Cell	EE-14	6/17/02	10:50	23078	soil	1	✓	✓					
Cell	Q-16	6/17/02	11:00	23079	soil	1	✓	✓					
Cell	N-16	6/17/02	11:12	23080	soil	1	✓	✓					
Cell	P-12	6/17/02	11:50	23081	soil	1	✓	✓					
Cell	P-7	6/17/02	12:00	23082	soil	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Trenton Roberts	6/17/02	13:15	Christine M Walters	6/17/02	13:15
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	✓		

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