

NM1-11

Two of Two

REPORTS

YEAR(S):

1999

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 6.2.99

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

RECEIVED
JUL - 7 1999

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 04047	9.22.95	146 # 36 Ticarra Contract	meter #94274 Line Drip	36
I I	I	152 # 5 Ticarra Otero	" 90283 "	36
I I	I	146 # 11 Ticarra Contract	" 02322 "	162
I I	I	146 # 7 Ticarra 30 well	" 90089 "	54

Sampling Documentation:

H	G	F	E
	X	X	3
	X	X	4

Landfarm # 2 unit 4 Cell(s): F-3

Sample Date: 6.10.98 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell F-3	Pass	NO	NO	43.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

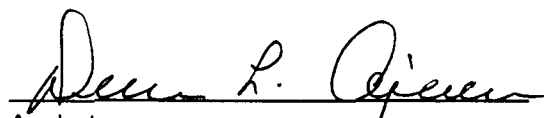
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell F - 3	Date Reported:	06-15-98
Laboratory Number:	D383	Date Sampled:	06-10-98
Chain of Custody No:	6071	Date Received:	06-10-98
Sample Matrix:	Soil	Date Extracted:	06-11-98
Preservative:	Cool	Date Analyzed:	06-12-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

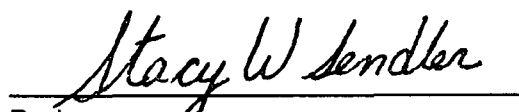
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.4	0.2
Diesel Range (C10 - C28)	41.8	0.1
Total Petroleum Hydrocarbons	43.2	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Unit 4.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell F - 3	Date Reported:	06-15-98
Laboratory Number:	D383	Date Sampled:	06-10-98
Chain of Custody:	6071	Date Received:	06-10-98
Sample Matrix:	Soil	Date Analyzed:	06-15-98
Preservative:	Cool	Date Extracted:	06-11-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

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

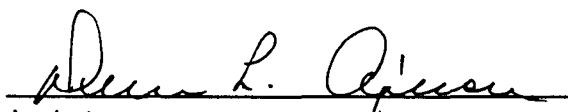
ND - Parameter not detected at the stated detection limit.

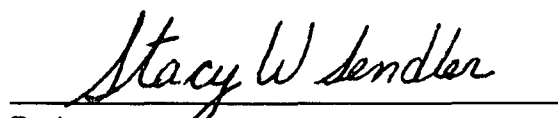
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

Comments: Landfarm 2 Unit 4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	06-15-BTEX QA/QC	Date Reported:	06-15-98
Laboratory Number:	D382	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-15-98
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range	0 - 15%		
Benzene	5.4370E-02	5.4479E-02	0.2%	ND	0.2
Toluene	2.9051E-02	2.9138E-02	0.3%	ND	0.2
Ethylbenzene	2.6516E-02	2.6671E-02	0.6%	ND	0.2
p,m-Xylene	1.8915E-02	1.9048E-02	0.7%	ND	0.2
o-Xylene	2.1590E-02	2.1677E-02	0.4%	ND	0.1

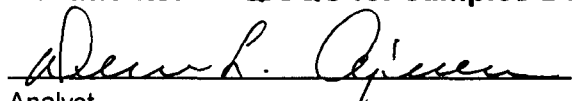
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	8.8
Toluene	ND	ND	0.0%	0 - 30%	8.4
Ethylbenzene	ND	ND	0.0%	0 - 30%	7.6
p,m-Xylene	44.8	45.3	1.1%	0 - 30%	10.8
o-Xylene	ND	ND	0.0%	0 - 30%	5.2

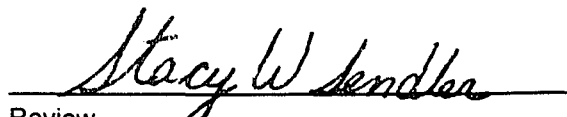
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.5	99%	39 - 150
Toluene	ND	50.0	49.9	100%	46 - 148
Ethylbenzene	ND	50.0	49.6	99%	32 - 160
p,m-Xylene	44.8	100.0	144	100%	46 - 148
o-Xylene	ND	50.0	49.9	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples D382 - D386.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-12-TPH QA/QC	Date Reported:	06-15-98
Laboratory Number:	D382	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-12-98
Condition:	N/A	Analysis Requested:	TPH

Calibration	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	04-28-98	2.3634E-02	2.3653E-02	0.08%	0 - 15%
Diesel Range C10 - C28	04-28-98	2.3141E-02	2.3155E-02	0.06%	0 - 15%

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

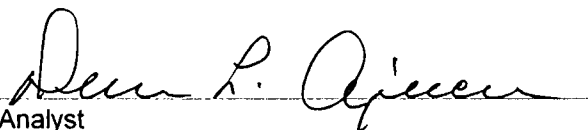
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	2.0	2.0	0.0%	0 - 30%
Diesel Range C10 - C28	91.6	89.9	1.8%	0 - 30%

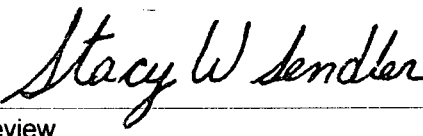
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	2.0	250	252	100%	75 - 125%
Diesel Range C10 - C28	91.6	250	341	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples D382 - D386, D394 and D403 - D404.


Analyst


Review

CHAIN OF CUSTODY RECORD

6071

Client / Project Name			Project Location		ANALYSIS / PARAMETERS												
Envirotech			Landham 2 Unit 4														
Sample: <i>Winter Location</i>			Client No. 91020-04		Remarks												
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btex	8015										
Cell E-8	6-10-98	10:45	0382	Soil	1	✓	✓										
Cell F-3		10:25	0383		1	✓	✓										
Cell S-1		10:15	0384		1	✓	✓										
Cell K-1		10:00	0385		1	✓	✓										
Cell K-2		10:10	0386		1	✓	✓										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)		Date	Time									
<i>Winter Location</i>			6-10-98	13:10	<i>David. Green</i>		6-10-98	13:10									
Relinquished by: (Signature)					Received by: (Signature)												
Relinquished by: (Signature)					Received by: (Signature)												
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615																	
Sample Receipt <table border="1"> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>										Received Intact	Y	N	N/A	Cool - Ice/Blue Ice	✓		
Received Intact	Y	N	N/A														
Cool - Ice/Blue Ice	✓																

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

RECEIVED
JUL - 7 1999

OIL CON. DIV
DIST. 3

6-2-99

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 04047	8.22.95	Jicquille C #19CH	metals # 74803 Sep n Delly P.6	80
" "	8.23.95	" Apache A#3	" 74347 "	50
" "	8.31.95	" CNT 148-316	" 95924 "	72

Sampling Documentation:

L	K	J	I
	X	X	
	X	X	

Landfarm # 2 unit 4 Cell(s): J-1

Sample Date: 3.5.99 Sampler: MW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-1	Pass	0.0301	0.222	5.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Envirotech
Sample ID: J - 1
Laboratory Number: E787
Chain of Custody No: 6736
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

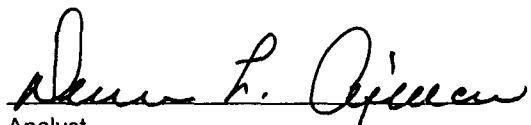
Project #: 102004
Date Reported: 03-12-99
Date Sampled: 03-05-99
Date Received: 03-05-99
Date Extracted: 03-08-99
Date Analyzed: 03-11-99
Analysis Requested: 8015 TPH

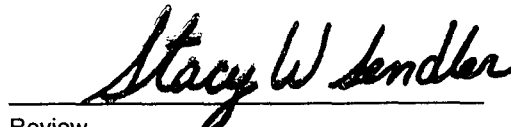
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.1	0.2
Diesel Range (C10 - C28)	4.1	0.1
Total Petroleum Hydrocarbons	5.2 ✓	0.2

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: Hilltop, NM. Landfarm 2, Unit 4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102004
Sample ID:	J - 1	Date Reported:	03-12-99
Laboratory Number:	E787	Date Sampled:	03-05-99
Chain of Custody:	6736	Date Received:	03-05-99
Sample Matrix:	Soil	Date Analyzed:	03-11-99
Preservative:	Cool	Date Extracted:	03-08-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	30.1	8.8
Toluene	67.5	8.4
Ethylbenzene	80.2	7.6
p,m-Xylene	25.3	10.8
o-Xylene	19.4	5.2
Total BTEX	222	

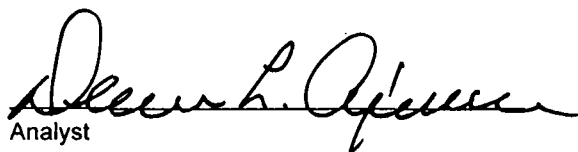
ND - Parameter not detected at the stated detection limit.

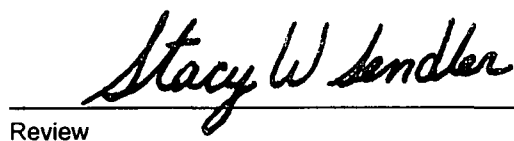
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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

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

Comments: Hilltop, NM., Landfarm 2, Unit 4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-11-BTEX QA/QC	Date Reported:	03-12-99
Laboratory Number:	E771	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-11-99
Condition:	N/A	Analysis:	BTEX

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

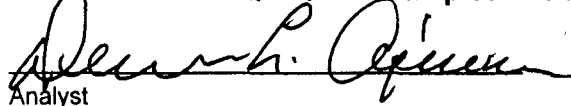
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	134	135	0.1%	0 - 30%	8.8
Toluene	148	147	0.3%	0 - 30%	8.4
Ethylbenzene	62.0	61.8	0.3%	0 - 30%	7.6
p,m-Xylene	276	275	0.1%	0 - 30%	10.8
o-Xylene	134	135	0.4%	0 - 30%	5.2

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

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

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

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

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

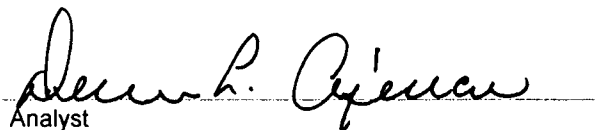
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1.8	1.8	0.0%	0 - 30%
Diesel Range C10 - C28	0.3	0.3	0.0%	0 - 30%

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

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

6736

ENVIROTECH INC.

ENVIROTECH INC.

PRAGTICAL SOLUTIONS FOR A BETTER TOMORROW

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

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

Date: 6.2.99

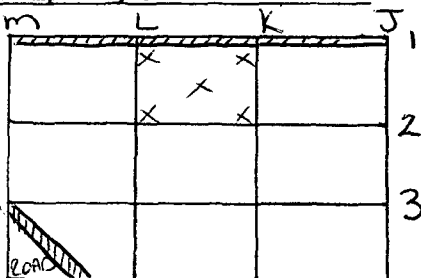
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 04047	8.22.95	Ticnilla C #19CH meter # 74803	Sep. 0.0 mg RE	100
" "	9-12-95	L0010	"	108
" "	9-13-95	Ticnilla Lot 2C-46	L0010 Line Dip	18
" "	9-12-95	" Lot 2C-24	L0017	18
" "	9-13-95	" NE Haynes H-1	G2434 Sep. 0.0 mg RE	90

Sampling Documentation:



Landfarm # 2 unit 4 Cell(s): K-1
Sample Date: 6.10.98 Sampler: CMW
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell K-1	Pass	ND	0.163	54.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe Anthony J. Kirby

Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

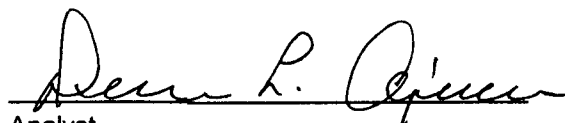
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell K - 1	Date Reported:	06-15-98
Laboratory Number:	D385	Date Sampled:	06-10-98
Chain of Custody No:	6071	Date Received:	06-10-98
Sample Matrix:	Soil	Date Extracted:	06-11-98
Preservative:	Cool	Date Analyzed:	06-12-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

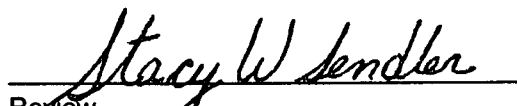
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.0	0.2
Diesel Range (C10 - C28)	53.6	0.1
Total Petroleum Hydrocarbons	54.6	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Unit 4.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell K - 1	Date Reported:	06-15-98
Laboratory Number:	D385	Date Sampled:	06-10-98
Chain of Custody:	6071	Date Received:	06-10-98
Sample Matrix:	Soil	Date Analyzed:	06-15-98
Preservative:	Cool	Date Extracted:	06-11-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND ✓	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	141	10.8
o-Xylene	22.2	5.2
Total BTEX	163 ✓	

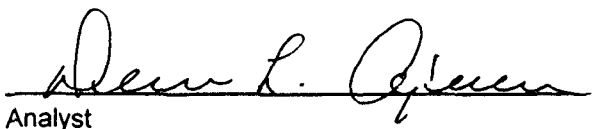
ND - Parameter not detected at the stated detection limit.

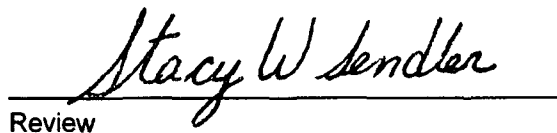
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

Comments: Landfarm 2 Unit 4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	06-15-BTEX QA/QC	Date Reported:	06-15-98
Laboratory Number:	D382	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-15-98
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	5.4370E-02	5.4479E-02	0.2%	ND	0.2
Toluene	2.9051E-02	2.9138E-02	0.3%	ND	0.2
Ethylbenzene	2.6516E-02	2.6671E-02	0.6%	ND	0.2
p,m-Xylene	1.8915E-02	1.9048E-02	0.7%	ND	0.2
o-Xylene	2.1590E-02	2.1677E-02	0.4%	ND	0.1

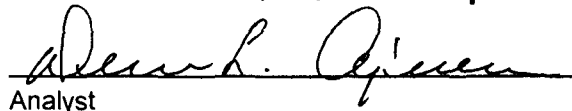
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	8.8
Toluene	ND	ND	0.0%	0 - 30%	8.4
Ethylbenzene	ND	ND	0.0%	0 - 30%	7.6
p,m-Xylene	44.8	45.3	1.1%	0 - 30%	10.8
o-Xylene	ND	ND	0.0%	0 - 30%	5.2

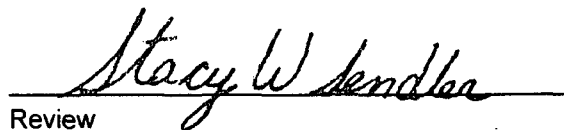
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.5	99%	39 - 150
Toluene	ND	50.0	49.9	100%	46 - 148
Ethylbenzene	ND	50.0	49.6	99%	32 - 160
p,m-Xylene	44.8	100.0	144	100%	46 - 148
o-Xylene	ND	50.0	49.9	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples D382 - D386.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-12-TPH QA/QC	Date Reported:	06-15-98
Laboratory Number:	D382	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-12-98
Condition:	N/A	Analysis Requested:	TPH

Calibration	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	04-28-98	2.3634E-02	2.3653E-02	0.08%	0 - 15%
Diesel Range C10 - C28	04-28-98	2.3141E-02	2.3155E-02	0.06%	0 - 15%

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

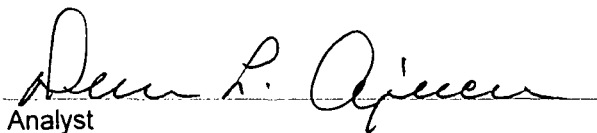
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	2.0	2.0	0.0%	0 - 30%
Diesel Range C10 - C28	91.6	89.9	1.8%	0 - 30%

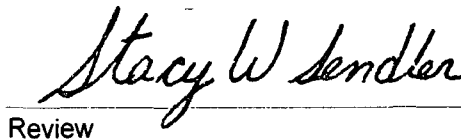
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	2.0	250	252	100%	75 - 125%
Diesel Range C10 - C28	91.6	250	341	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples D382 - D386, D394 and D403 - D404.


Analyst


Review

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

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JUL - 7 1999

OIL CON
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OIL CON. DIV
DIST. 3

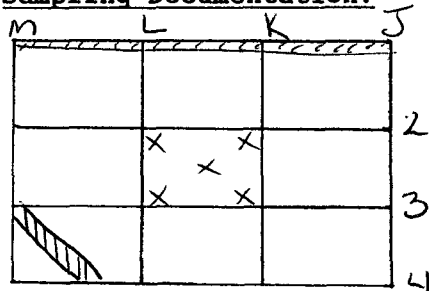
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 04047	9.13.95	Jiracilla Lot 2C46	meter L0010 Line Dp	36
" "	9.13.95	N.E. Haynes #9-1	" 02434 Sep. 87	72

Sampling Documentation:



Landfarm # 2 Unit 4 Cell(s): K.2

Sample Date: 6.10.98 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell K.2	Pass	ND	0.0211	99.7

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

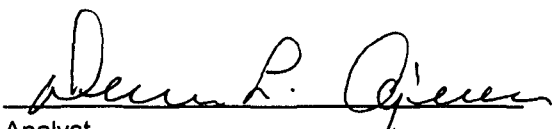
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell K - 2	Date Reported:	06-15-98
Laboratory Number:	D386	Date Sampled:	06-10-98
Chain of Custody No:	6071	Date Received:	06-10-98
Sample Matrix:	Soil	Date Extracted:	06-11-98
Preservative:	Cool	Date Analyzed:	06-12-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

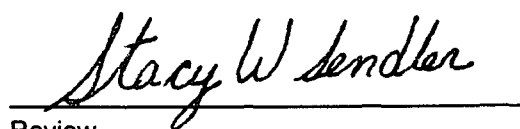
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.0 ✓	0.2
Diesel Range (C10 - C28)	98.7	0.1
Total Petroleum Hydrocarbons	99.7 ✓	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Landfarm 2 Unit 4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell K - 2	Date Reported:	06-15-98
Laboratory Number:	D386	Date Sampled:	06-10-98
Chain of Custody:	6071	Date Received:	06-10-98
Sample Matrix:	Soil	Date Analyzed:	06-15-98
Preservative:	Cool	Date Extracted:	06-11-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND ✓	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	21.1	10.8
o-Xylene	ND	5.2
Total BTEX	21.1 ✓	

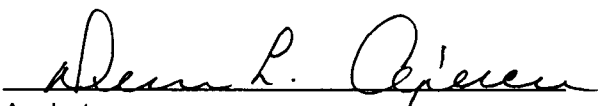
ND - Parameter not detected at the stated detection limit.

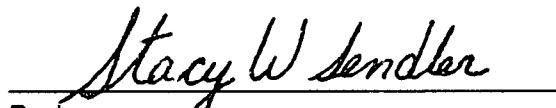
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

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

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

Comments: Landfarm 2 Unit 4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	06-15-BTEX QA/QC	Date Reported:	06-15-98
Laboratory Number:	D382	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-15-98
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range	0 - 15%		
Benzene	5.4370E-02	5.4479E-02	0.2%	ND	0.2
Toluene	2.9051E-02	2.9138E-02	0.3%	ND	0.2
Ethylbenzene	2.6516E-02	2.6671E-02	0.6%	ND	0.2
p,m-Xylene	1.8915E-02	1.9048E-02	0.7%	ND	0.2
o-Xylene	2.1590E-02	2.1677E-02	0.4%	ND	0.1

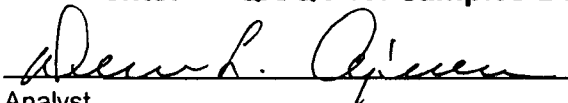
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	8.8
Toluene	ND	ND	0.0%	0 - 30%	8.4
Ethylbenzene	ND	ND	0.0%	0 - 30%	7.6
p,m-Xylene	44.8	45.3	1.1%	0 - 30%	10.8
o-Xylene	ND	ND	0.0%	0 - 30%	5.2

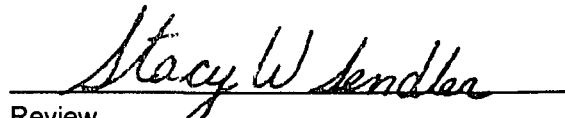
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.5	99%	39 - 150
Toluene	ND	50.0	49.9	100%	46 - 148
Ethylbenzene	ND	50.0	49.6	99%	32 - 160
p,m-Xylene	44.8	100.0	144	100%	46 - 148
o-Xylene	ND	50.0	49.9	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples D382 - D386.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-12-TPH QA/QC	Date Reported:	06-15-98
Laboratory Number:	D382	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-12-98
Condition:	N/A	Analysis Requested:	TPH

Calibration	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	04-28-98	2.3634E-02	2.3653E-02	0.08%	0 - 15%
Diesel Range C10 - C28	04-28-98	2.3141E-02	2.3155E-02	0.06%	0 - 15%

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

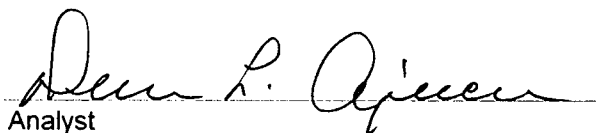
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	2.0	2.0	0.0%	0 - 30%
Diesel Range C10 - C28	91.6	89.9	1.8%	0 - 30%

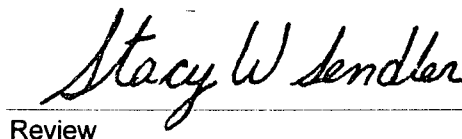
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	2.0	250	252	100%	75 - 125%
Diesel Range C10 - C28	91.6	250	341	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples D382 - D386, D394 and D403 - D404.


Analyst


Review

CHAIN OF CUSTODY RECORD

6071

Client / Project Name			Project Location			ANALYSIS / PARAMETERS														
Envirotech			Landjam 2 unit 4																	
Sampler: <i>Whitten Deaton</i>			Client No. 91020-04																	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks														
Cell E-8	6-10-98	10:45	0382	Soil	1	✓	✓													
Cell F-3		10:25	0383		1	✓	✓													
Cell J-1		10:15	0384		1	✓	✓													
Cell K-1		10:00	0385		1	✓	✓													
Cell K-2		10:10	0386		1	✓	✓													
Relinquished by: (Signature) <i>Whitten Deaton</i> Date 6-10-98 Time 13:10 Received by: (Signature) <i>David. Olsen</i> Date 6-10-98 Time 13:10																				
Relinquished by: (Signature)																				
Received by: (Signature)																				
Relinquished by: (Signature)																				
Received by: (Signature)																				
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615																				
<table border="1"> <thead> <tr> <th colspan="3">Sample Receipt</th> </tr> </thead> <tbody> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </tbody> </table>												Sample Receipt			Received Intact	Y	N	Cool - Ice/Blue Ice	✓	
Sample Receipt																				
Received Intact	Y	N																		
Cool - Ice/Blue Ice	✓																			

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 6/02/99

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

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Environmental Bureau
Oil Conservation Division

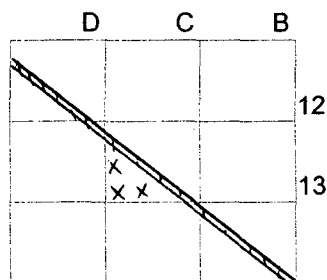
Dear Mr. Anderson:

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	11-03-95	Line Drip	K-31	108

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): C - 12

Sample Date: 05/09/00 Sampler: BC

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 C-12/ H227	PASS	0.352	0.727	2.9

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Montoya J. Kelly* _____ Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 12	Date Reported:	05-22-00
Laboratory Number:	H227	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

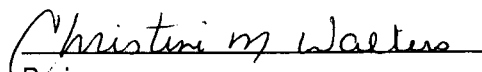
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.9	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.9	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 12	Date Reported:	05-22-00
Laboratory Number:	H227	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	352	1.8
Toluene	80.6	1.7
Ethylbenzene	88.9	1.5
p,m-Xylene	146	2.2
o-Xylene	59.9	1.0
Total BTEX	727	

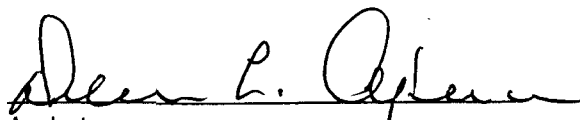
ND - Parameter not detected at the stated detection limit.

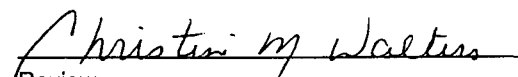
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

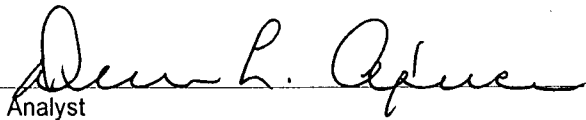
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

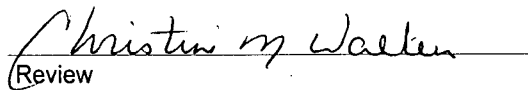
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

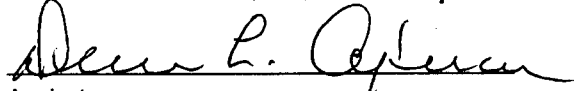
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

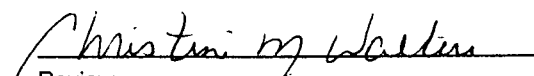
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																					
Envirotech		Landform 2 Unit 5																							
Sampler:		Client No.		Sample Matrix		No. of Containers		Btx		Soils		Remarks													
Bill Carter		91020-05		Soil		1		✓		✓		Spot Closure Sample													
Cell B-13	5:40	08:10	H226																						
Cell C-12		08:15	H227																						
Cell C-17		07:50	H228																						
Cell D-11		08:20	H229																						
Cell D-17		08:00	H230																						
Cell E-11		8:25	H231																						
Cell H-12		8:40	H232																						
Cell I-11		8:45	H233																						
Cell J-16		8:55	H234																						
Cell J-16		8:15	H235																						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time															
Bill Carter		5-9-00		11:00		Christina M. Varte		5-9-00		11:00															
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																									
<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td></td> <td>✓</td> <td></td> </tr> <tr> <td colspan="3">Received Intact</td> </tr> <tr> <td colspan="3">Cool - Ice/Blue Ice</td> </tr> </table>														Y	N	N/A		✓		Received Intact			Cool - Ice/Blue Ice		
Y	N	N/A																							
	✓																								
Received Intact																									
Cool - Ice/Blue Ice																									

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 6/02/99

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

RECEIVED

JUN 14 2000

Environmental Bureau
Oil Conservation Division

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
	07/01/96	Meter #96003-10	Lindrith Plant	40
EPFS 96003-12	8/27/96	Pigging line waste	Chaco	18

Sampling Documentation:

D	C	B	
			17
	X	X	
	X	X	18

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

Sample Date: 05/09/00 Sampler: BC

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 C-17/ H228	PASS	<0.0018	0.178	2.0

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Monty J. Kelly* _____ Date 8-3-00

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

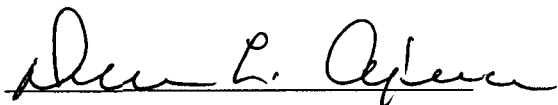
Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 17	Date Reported:	05-22-00
Laboratory Number:	H228	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

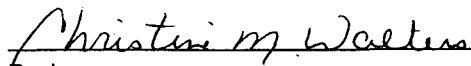
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.0	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.0	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 17	Date Reported:	05-22-00
Laboratory Number:	H228	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	23.7	1.7
Ethylbenzene	34.5	1.5
p,m-Xylene	112	2.2
o-Xylene	7.8	1.0
Total BTEX	178	

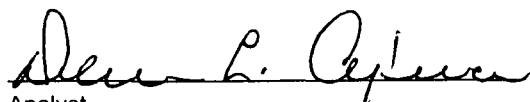
ND - Parameter not detected at the stated detection limit.

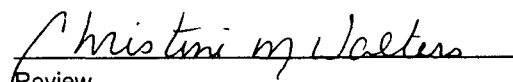
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

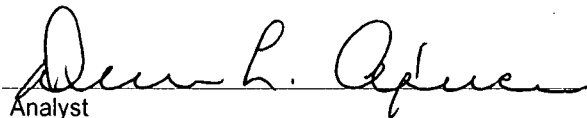
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

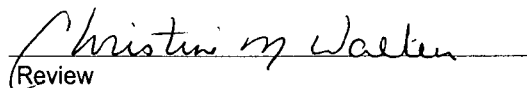
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff:	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

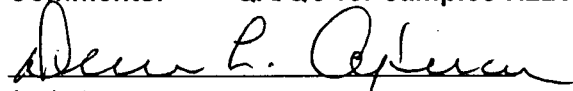
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

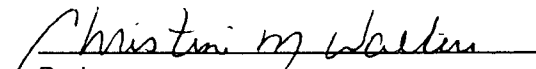
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																			
Envirotech		Landform 2 Unit 5																					
Sampler:		Client No.																					
Bill Carter		91020-05																					
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btx	gols				Remarks												
Cell B-13	5:9:00	08:10	H226	Soil	1	✓	✓				Spt Closure												
Cell C-12		08:15	H227		1	✓	✓				Sample												
Cell C-17		07:50	H228		1	✓	✓																
Cell D-11		08:20	H229		1	✓	✓																
Cell D-17		08:00	H230		1	✓	✓																
Cell E-11		8:25	H231		1	✓	✓																
Cell H-11		8:40	H232		1	✓	✓																
Cell H-12		8:45	H233		1	✓	✓																
Cell I-11		8:55	H234		1	✓	✓																
Cell J-10		8:15	H235		1	✓	✓																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Bill Carter		5-9-00		11:00		Christina M. Wate		5-9-00		11:00													
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																							
<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td></td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>												Y	N	N/A	✓			Received Intact			Cool - Ice/Blue Ice	✓	
Y	N	N/A																					
✓																							
Received Intact																							
Cool - Ice/Blue Ice	✓																						

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 6/02/99

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

RECEIVED

JUN 14 2000

Environmental Bureau
Oil Conservation Division

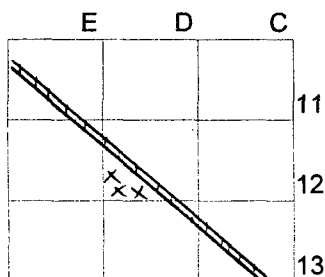
Dear Mr. Anderson:

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
Salazar	11/7/95	Meter #94161	G-34-2	64

Sampling Documentation:



Landfarm # 2 Unit 5

Cell (s): D - 11

Sample Date: 05/09/00

Sampler: BC

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 D-11/ H229	PASS	<0.0018	0.099	5.2

Respectfully submitted,

Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Martinez J. Kelly* Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

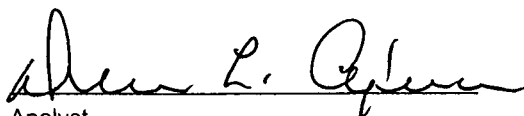
Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 11	Date Reported:	05-22-00
Laboratory Number:	H229	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

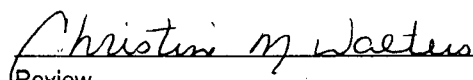
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	5.2	0.1
Total Petroleum Hydrocarbons	5.2	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 11	Date Reported:	05-22-00
Laboratory Number:	H229	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	4.5	1.7
Ethylbenzene	37.0	1.5
p,m-Xylene	57.5	2.2
o-Xylene	ND	1.0
Total BTEX	99.0	

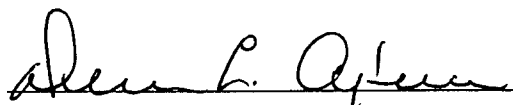
ND - Parameter not detected at the stated detection limit.

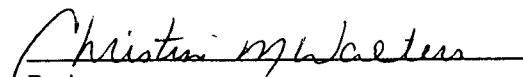
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

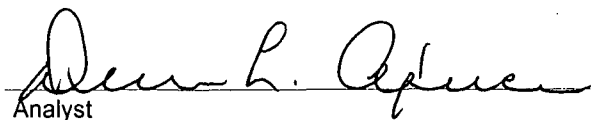
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

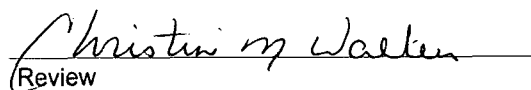
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
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	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

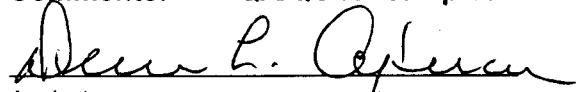
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

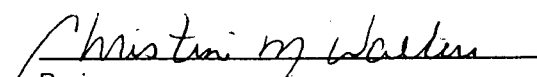
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
Envirotech		Landform 2 units											
Sampler:		Client No.		Sample Matrix		No. of Containers		Btx		Soils		Remarks	
Bill Carter		91020-05		Soil								Spot Closure Sample	
Cell B-13	5-9-00	08:10	H226										
Cell C-12		08:15	H227										
Cell C-17		07:50	H228										
Cell D-11		08:20	H229										
Cell D-17		08:00	H230										
Cell E-11		8:25	H231										
Cell H-12 G-11		8:40	H232										
Cell H-12		8:45	H233										
Cell I-11		8:55	H234										
Cell J-16		8:15	H235										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
<i>Bill Carter</i>		5-9-00		11:00		<i>Christina M. Varte</i>		5-9-00		11:00			
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: 6/02/99

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

RECEIVED

JUN 14 2000

Environmental Bureau
Oil Conservation Division

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:

E	D	C	
			17
	x	x	
		✓	
	x	x	18
			19

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

Sample Date: 05/09/00 Sampler: BC

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 D-17/ H230	PASS	<0.0018	0.0449	0.7

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Monty J. Kelly* _____ Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

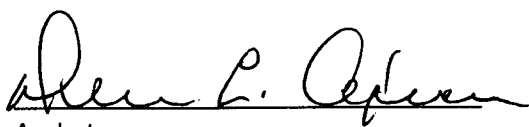
Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 17	Date Reported:	05-22-00
Laboratory Number:	H230	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

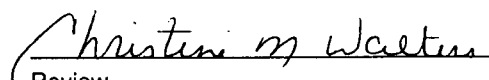
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.7	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.7	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 17	Date Reported:	05-22-00
Laboratory Number:	H230	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	25.9	1.5
p,m-Xylene	19.0	2.2
o-Xylene	ND	1.0
Total BTEX	44.9	

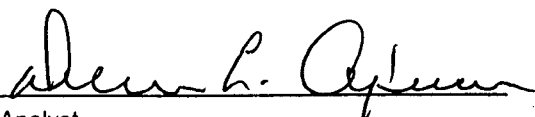
ND - Parameter not detected at the stated detection limit.

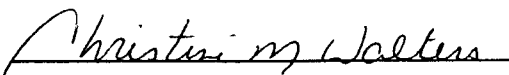
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

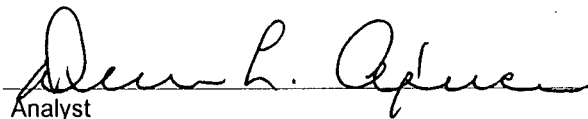
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

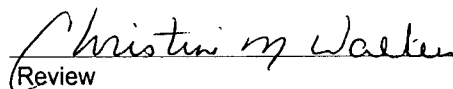
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

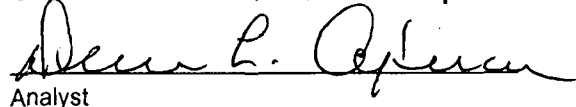
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

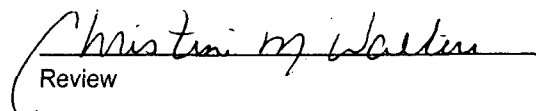
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
Envirotech		Landform 2 Unit 5											
Sampler:		Client No.											
Bill Carter		91620-05											
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btx	gols						Remarks
C-13	5-9-00	08:10	H226	Soil	1	✓	✓						Sgt Closure
C-12		08:15	H227		1	✓	✓						Sample
C-17		07:50	H228		1	✓	✓						
C-11		08:20	H229		1	✓	✓						
C-17		08:00	H230		1	✓	✓						
E-11		8:25	H231		1	✓	✓						
H-12		8:40	H232		1	✓	✓						
H-12		8:45	H233		1	✓	✓						
T-11		8:55	H234		1	✓	✓						
J-16		8:15	H235		1	✓	✓						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
Bill Carter		5-9-00		11:00		Christina M. Vaele		5-9-00		11:00			
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: 6/02/99

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

RECEIVED

JUN 14 2000

Environmental Bureau
Oil Conservation Division

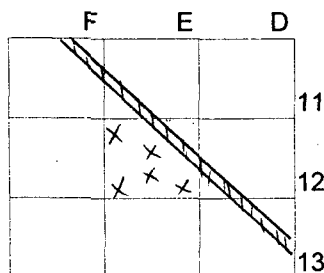
Dear Mr. Anderson:

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	11/13/95	Line Drip	Trunk D-Line Drip Loop D-8	216
EPFS 96003-34	05/06/98	Line Drip	Tunk K Y-1 Drip	15

Sampling Documentation:



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

Sample Date: 05/09/00 Sampler: BC

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 E-11/ H231	PASS	<0.0018	<0.00	<0.1

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Monty J. Kelly* _____ Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

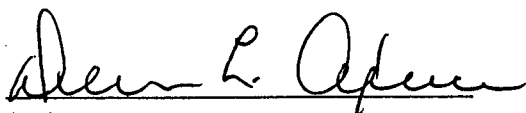
Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 11	Date Reported:	05-22-00
Laboratory Number:	H231	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

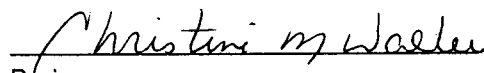
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell E - 11	Date Reported:	05-22-00
Laboratory Number:	H231	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
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	

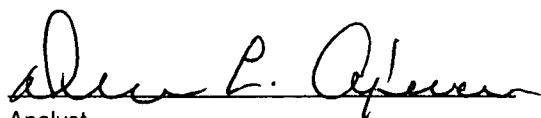
ND - Parameter not detected at the stated detection limit.

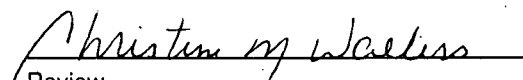
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

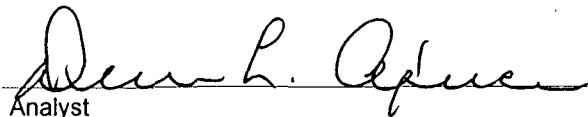
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

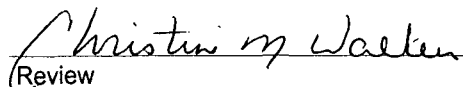
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

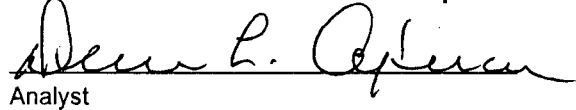
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

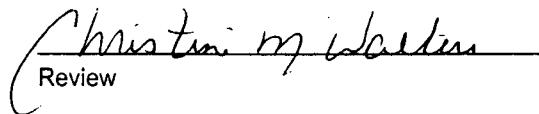
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																					
Envirotech		Landform 2 units																							
Sampler:		Client No.		Sample Matrix		No. of Containers		Btx		Soils		Remarks													
Bill Carter		91020-05																							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix																					
Cell B-13	5-9-00	08:10	H226	Soil																					
Cell C-12		08:15	H227																						
Cell C-17		07:50	H228																						
Cell D-11		08:20	H229																						
Cell D-17		08:00	H230																						
Cell E-11		8:25	H231																						
Cell H-12		8:40	H232																						
Cell H-12		8:45	H233																						
Cell T-11		8:55	H234																						
Cell J-16		8:15	H235																						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time															
Bill Carter		5-9-00		11:00		Christina M. Vaele		5-9-00		11:00															
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 <table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td></td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td></td> <td></td> </tr> </table>														Y	N	N/A				Received Intact			Cool - Ice/Blue Ice		
Y	N	N/A																							
Received Intact																									
Cool - Ice/Blue Ice																									

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

Date: 6/02/99

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

RECEIVED

JUN 14 2000

Environmental Bureau
Oil Conservation Division

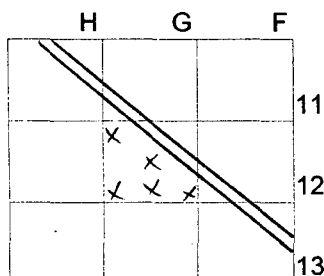
Dear Mr. Anderson:

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): G - 11

Sample Date: 05/09/00 Sampler: BC

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 G-11/ H232	PASS	<0.0018	<0.00	<0.1

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Monty J. King* _____ Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

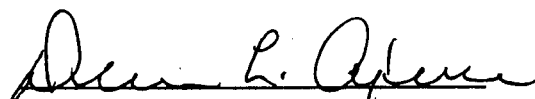
Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 11	Date Reported:	05-22-00
Laboratory Number:	H232	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

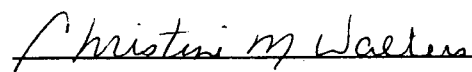
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 11	Date Reported:	05-22-00
Laboratory Number:	H232	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
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	

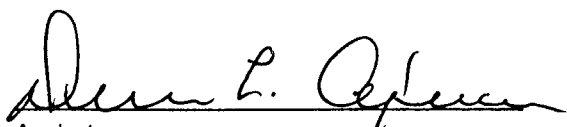
ND - Parameter not detected at the stated detection limit.

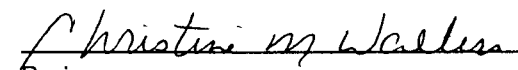
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

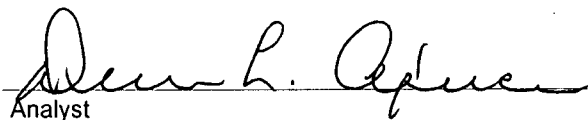
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

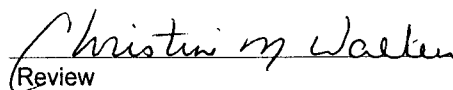
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

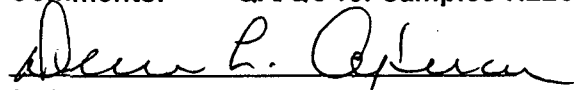
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

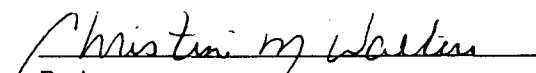
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
Envirotech		Landform 2 units											
Sampler:		Client No.											
Bill Carter		91020-05											
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btx	gols				Remarks		
C-13	5-9-00	08:10	H226	Soil	1	✓	✓				Spot Closure		
C-12		08:15	H227		1	✓	✓				Sample		
C-17		07:50	H228		1	✓	✓						
C-11		08:20	H229		1	✓	✓						
C-17		08:00	H230		1	✓	✓						
E-11		8:25	H231		1	✓	✓						
H-12		8:40	H232		1	✓	✓						
H-12		8:45	H233		1	✓	✓						
I-11		8:55	H234		1	✓	✓						
J-16		8:15	H235		1	✓	✓						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
<i>Bill Carter</i>		5-9-00		11:00		<i>Christina M. Varte</i>		5-9-00		11:00			
Relinquished by: (Signature)						Received by: (Signature)							
Relinquished by: (Signature)						Received by: (Signature)							

ENVIROTECH INC.

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

Sample Receipt

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 6/02/99

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

RECEIVED

JUN 14 2000

Environmental Bureau
Oil Conservation Division

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:

I	H	G	
			12
	X	X	
		X	
	X	X	13
			14

Landfarm # 2 Unit 5 Cell (s): H - 12

Sample Date: 05/09/00 Sampler: BC

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 H-12/ H233	PASS	<0.0018	0.041	15.0

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Anthony Kelly* _____ Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

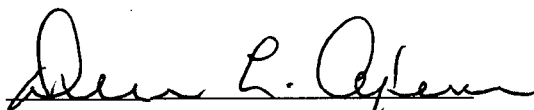
Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 12	Date Reported:	05-22-00
Laboratory Number:	H233	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

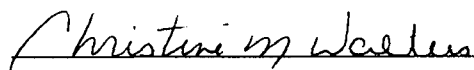
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	15.0	0.1
Total Petroleum Hydrocarbons	15.0	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 12	Date Reported:	05-22-00
Laboratory Number:	H233	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	22.7	1.5
p,m-Xylene	18.6	2.2
o-Xylene	ND	1.0
Total BTEX	41.3	

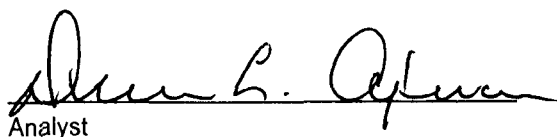
ND - Parameter not detected at the stated detection limit.

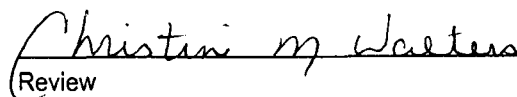
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

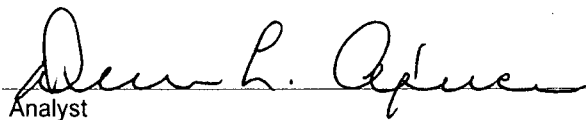
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

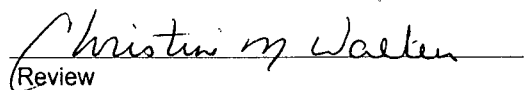
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

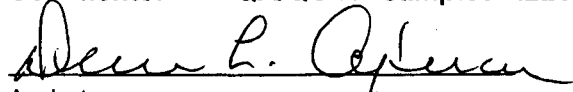
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

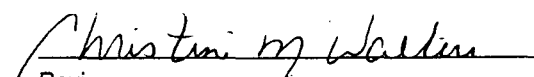
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
Envirotech		Landform 2 Unit 5											
Sampler:		Client No.		Sample Matrix		No. of Containers		Btx		Soil		Remarks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
Cell B-13	5-9-00	08:10	H226	Soil									Sgt Closure
Cell C-12		08:15	H227										Sample
Cell C-17		07:50	H228										
Cell D-11		08:20	H229										
Cell D-17		08:00	H230										
Cell E-11		8:25	H231										
Cell H-11		8:40	H232										
Cell H-12		8:45	H233										
Cell T-11		8:55	H234										
Cell J-16		8:15	H235										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
<i>Bill Carter</i>		5-9-00		11:00		<i>Christina M. Vaele</i>		5-9-00		11:00			
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: 6/02/99

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

RECEIVED

JUN 14 2000

Environmental Bureau
Oil Conservation Division

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:

J	I	H	
			11
	X	X	
		X	
	X	X	12
			13

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

Sample Date: 05/09/00 Sampler: BC

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 I-11/ H234	PASS	<0.0018	0.041	5.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Marilyn J. Kelly* _____ Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

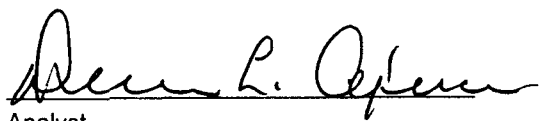
Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 11	Date Reported:	05-22-00
Laboratory Number:	H234	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

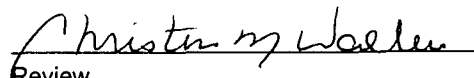
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.6	0.2
Diesel Range (C10 - C28)	4.6	0.1
Total Petroleum Hydrocarbons	5.2	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 11	Date Reported:	05-22-00
Laboratory Number:	H234	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	24.6	1.5
p,m-Xylene	16.9	2.2
o-Xylene	ND	1.0
Total BTEX	41.5	

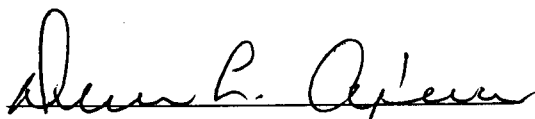
ND - Parameter not detected at the stated detection limit.

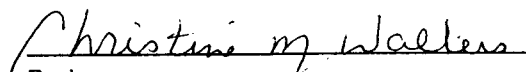
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

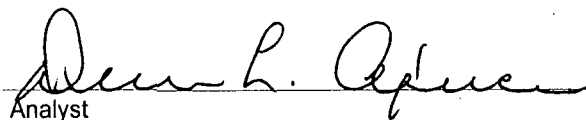
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

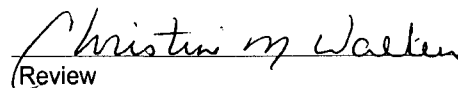
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

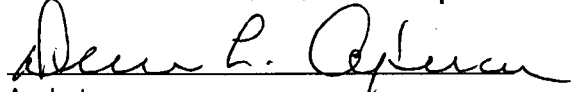
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

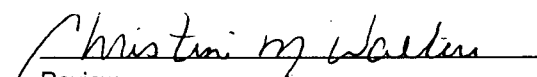
ND - Parameter not detected at the stated detection limit.

References:

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																					
Envirotech		Landform 2 Unit 5																							
Sampler:		Client No.																							
Bill Carter		91020-05																							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btx	Bois						Remarks												
C-13	5:40	08:10	H226	Soil	1	✓	✓						Sgt Closure												
C-12		08:15	H227		1	✓	✓						Sample												
C-17		07:50	H228		1	✓	✓																		
C-11		08:20	H229		1	✓	✓																		
C-17		08:00	H230		1	✓	✓																		
C-11		8:25	H231		1	✓	✓																		
C-12		8:40	H232		1	✓	✓																		
C-12		8:45	H233		1	✓	✓																		
C-11		8:55	H234		1	✓	✓																		
C-16		8:15	H235		1	✓	✓																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time															
<i>Bill Carter</i>		5-9-00		11:00		<i>Christina M. Vasta</i>		5-9-00		11:00															
Relinquished by: (Signature)						Received by: (Signature)																			
Relinquished by: (Signature)						Received by: (Signature)																			
Sample Receipt																									
<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td></td> <td>✓</td> <td></td> </tr> <tr> <td colspan="3">Received Intact</td> </tr> <tr> <td colspan="3">Cool - Ice/Blue Ice</td> </tr> </table>														Y	N	N/A		✓		Received Intact			Cool - Ice/Blue Ice		
Y	N	N/A																							
	✓																								
Received Intact																									
Cool - Ice/Blue Ice																									

ENVIROTECH INC.

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 6/02/99

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

RECEIVED

JUN 14 2000

Environmental Bureau
Oil Conservation Division

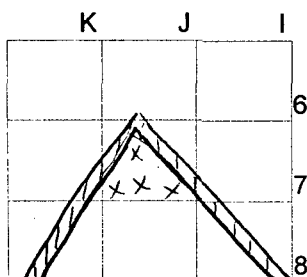
Dear Mr. Anderson:

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
	11/07/95	Meter #94768	J.J. Fed 6 #32 CH	134
	11/07/95	Meter #02889	Canyon Largo CPD	18

Sampling Documentation:



Landfarm # 2 Unit 5

Cell (s): J - 06

Sample Date: 05/09/00

Sampler: BC

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 J-6/ H235	PASS	<0.0018	0.022	6.7

Respectfully submitted,

Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Martinez J. Kelly* - _____ Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

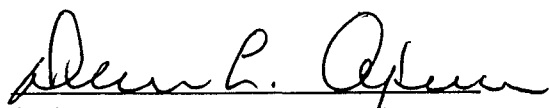
Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 6	Date Reported:	05-22-00
Laboratory Number:	H235	Date Sampled:	05-09-00
Chain of Custody No:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-10-00
Preservative:	Cool	Date Analyzed:	05-18-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

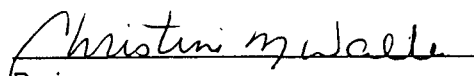
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	6.7	0.1
Total Petroleum Hydrocarbons	6.7	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 6	Date Reported:	05-22-00
Laboratory Number:	H235	Date Sampled:	05-09-00
Chain of Custody:	7828	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-18-00
Preservative:	Cool	Date Extracted:	05-10-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	11.8	1.5
p,m-Xylene	10.9	2.2
o-Xylene	ND	1.0
Total BTEX	22.7	

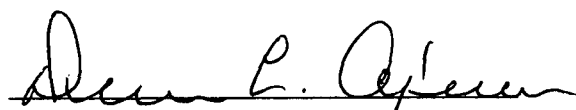
ND - Parameter not detected at the stated detection limit.

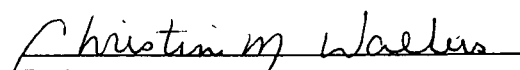
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-18-TPH QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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

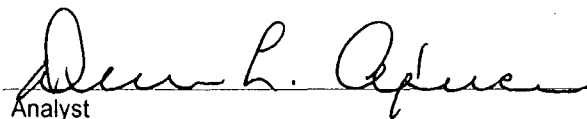
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	6.2	6.2	0.0%	0 - 30%
Diesel Range C10 - C28	0.2	0.2	0.0%	0 - 30%

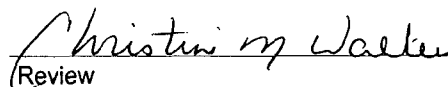
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	6.2	250	256	100%	75 - 125%
Diesel Range C10 - C28	0.2	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-18-BTEX QA/QC	Date Reported:	05-22-00
Laboratory Number:	H226	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

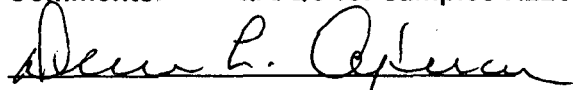
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	743	748	0.7%	0 - 30%	1.8
Toluene	422	423	0.2%	0 - 30%	1.7
Ethylbenzene	431	432	0.3%	0 - 30%	1.5
p,m-Xylene	989	993	0.4%	0 - 30%	2.2
o-Xylene	487	491	0.9%	0 - 30%	1.0

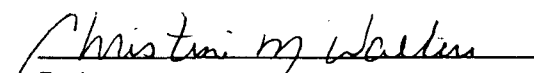
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	743	50.0	791	100%	39 - 150
Toluene	422	50.0	472	100%	46 - 148
Ethylbenzene	431	50.0	480	100%	32 - 160
p,m-Xylene	989	100.0	1,090	100%	46 - 148
o-Xylene	487	50.0	536	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H226 - H235.


Analyst


Review

CHAIN OF CUSTODY RECORD

7828

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
Envirotech		Landform 2 Unit 5											
Sampler:		Client No.											
Bill Carter		91020-05											
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btx	Soil						Remarks
C-13	5:00	08:10	H226	Soil	1	✓	✓						Soil Closure
C-12		08:15	H227		1	✓	✓						Sample
C-17		07:50	H228		1	✓	✓						
C-11		08:20	H229		1	✓	✓						
C-17		08:00	H230		1	✓	✓						
C-11		8:25	H231		1	✓	✓						
C-11		8:40	H232		1	✓	✓						
C-12		8:45	H233		1	✓	✓						
C-11		8:55	H234		1	✓	✓						
C-16		8:15	H235		1	✓	✓						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
Bill Carter		5-9-00 11:00		11:00		Christina M. Vaele		5-9-00		11:00			
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

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

RECEIVED

Date: 6/02/99

JUN 14 2000

Environmental Bureau
Oil Conservation Division

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	10/20/98		Hare GC #1E	20

Sampling Documentation:

K	J	I	
			12
	X	X	
	X	X	13
			14

Landfarm # 2 Unit 5 Cell (s): J - 12

Sample Date: 05/09/00 Sampler: BC

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 J-12/ H236	PASS	<0.0018	<0.00	8.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe *Martyn J. Huf* Date *8-3-00*

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

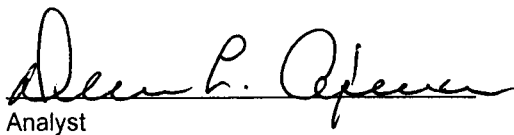
Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 12	Date Reported:	05-17-00
Laboratory Number:	H236	Date Sampled:	05-09-00
Chain of Custody No:	7829	Date Received:	05-09-00
Sample Matrix:	Soil	Date Extracted:	05-12-00
Preservative:	Cool	Date Analyzed:	05-17-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

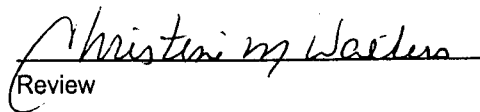
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.4	0.2
Diesel Range (C10 - C28)	7.9	0.1
Total Petroleum Hydrocarbons	8.3	0.1

ND - Parameter not detected at the stated detection limit.

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 12	Date Reported:	05-17-00
Laboratory Number:	H236	Date Sampled:	05-09-00
Chain of Custody:	7829	Date Received:	05-09-00
Sample Matrix:	Soil	Date Analyzed:	05-17-00
Preservative:	Cool	Date Extracted:	05-12-00
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	

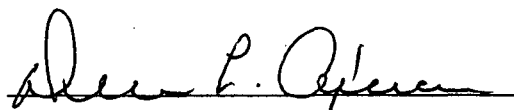
ND - Parameter not detected at the stated detection limit.

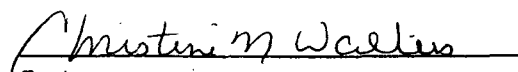
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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

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

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


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-17-TPH QA/QC	Date Reported:	05-17-00
Laboratory Number:	H220	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-17-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	3.4724E-002	3.4689E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.9399E-002	1.9360E-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	0.4	0.4	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

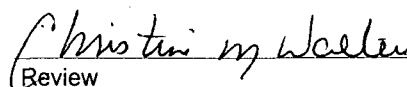
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	0.4	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H220 - H225 and H236 - H238.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-17-BTEX QA/QC	Date Reported:	05-17-00
Laboratory Number:	H220	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-17-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.9014E-001	2.9084E-001	0.2%	ND	0.2
Toluene	1.3127E-001	1.3151E-001	0.2%	ND	0.2
Ethylbenzene	9.7257E-002	9.7462E-002	0.2%	ND	0.2
p,m-Xylene	9.8270E-002	9.8516E-002	0.3%	ND	0.2
o-Xylene	7.8339E-002	7.8472E-002	0.2%	ND	0.1

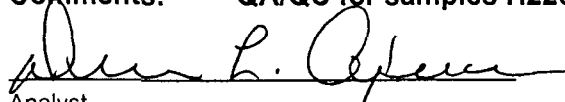
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	40.8	40.0	2.0%	0 - 30%	1.8
Toluene	50.3	49.1	2.4%	0 - 30%	1.7
Ethylbenzene	14.2	13.8	2.8%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

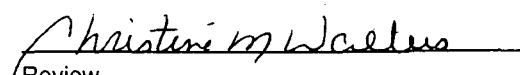
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	40.8	50.0	90.7	100%	39 - 150
Toluene	50.3	50.0	100	100%	46 - 148
Ethylbenzene	14.2	50.0	64.2	100%	32 - 160
p,m-Xylene	ND	100.0	100	100%	46 - 148
o-Xylene	ND	50.0	50.0	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples H220 - H225 and H236 - H238.


Analyst


Review

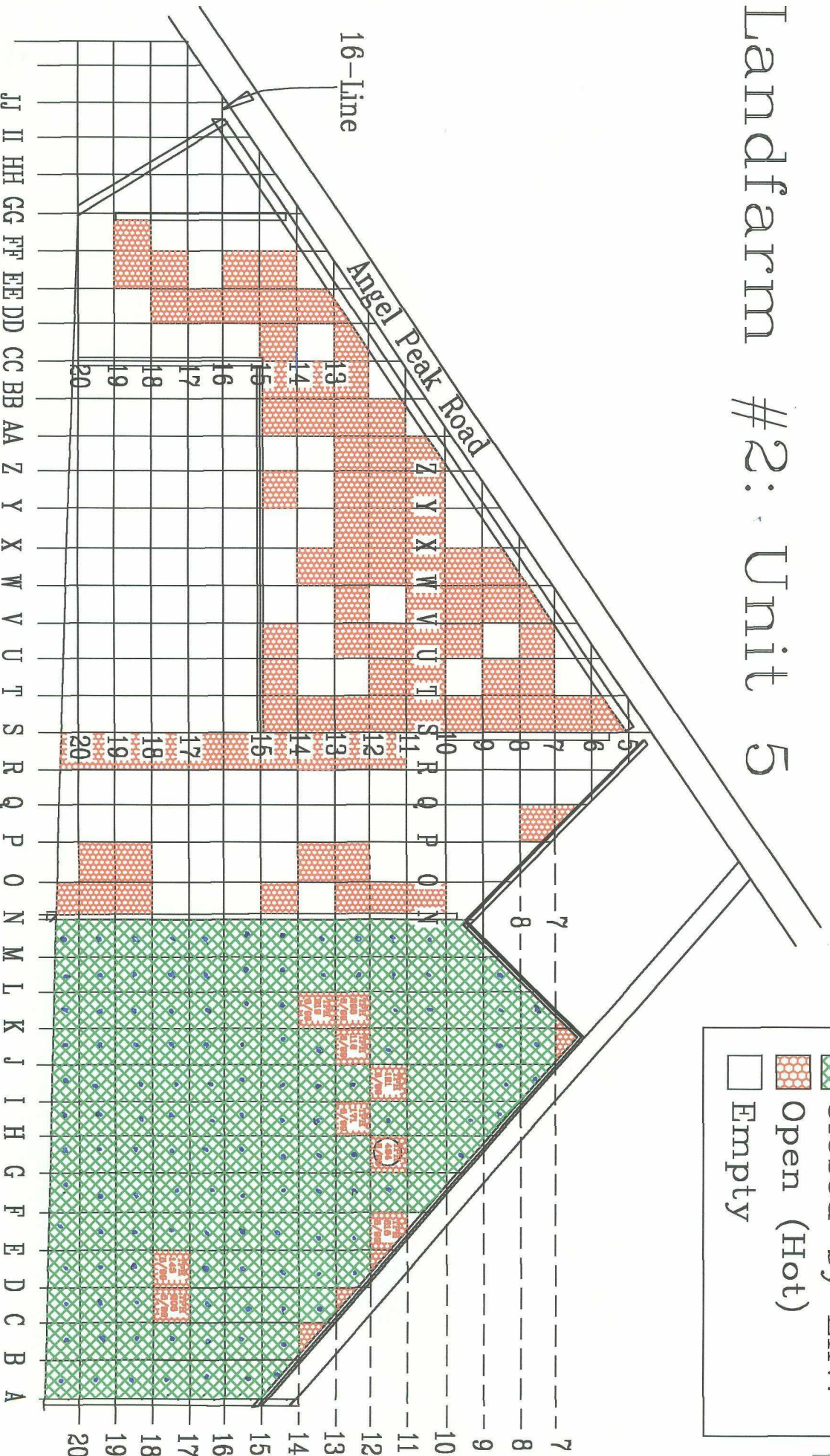
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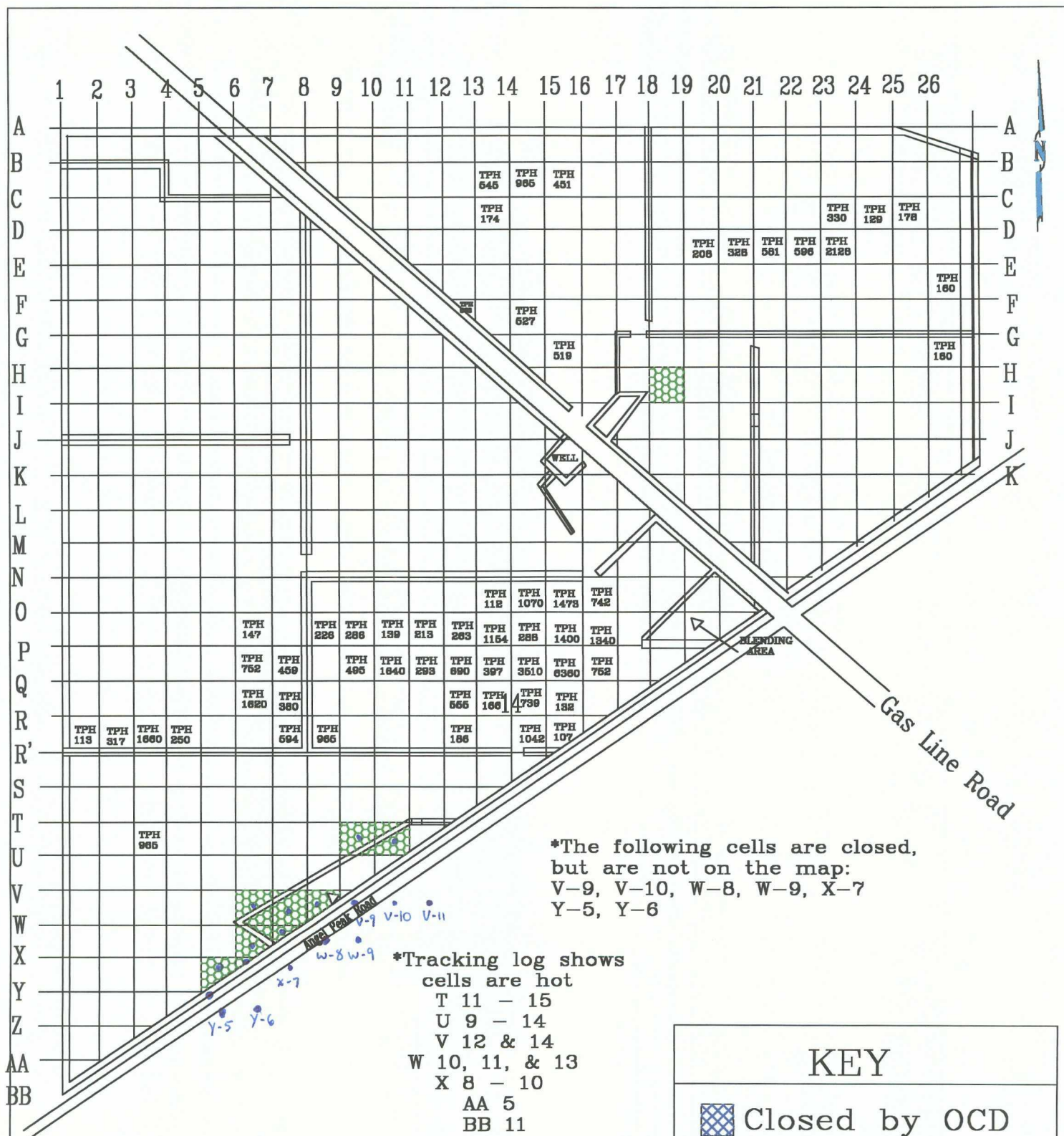
ENVIROTECH INC.

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

Landfarm #2: Unit 5

KEY	
	Closed by OCD
	Closed by Env.
	Open (Hot)
	Empty





ENVIROTECH INC.
LANDFARM #2

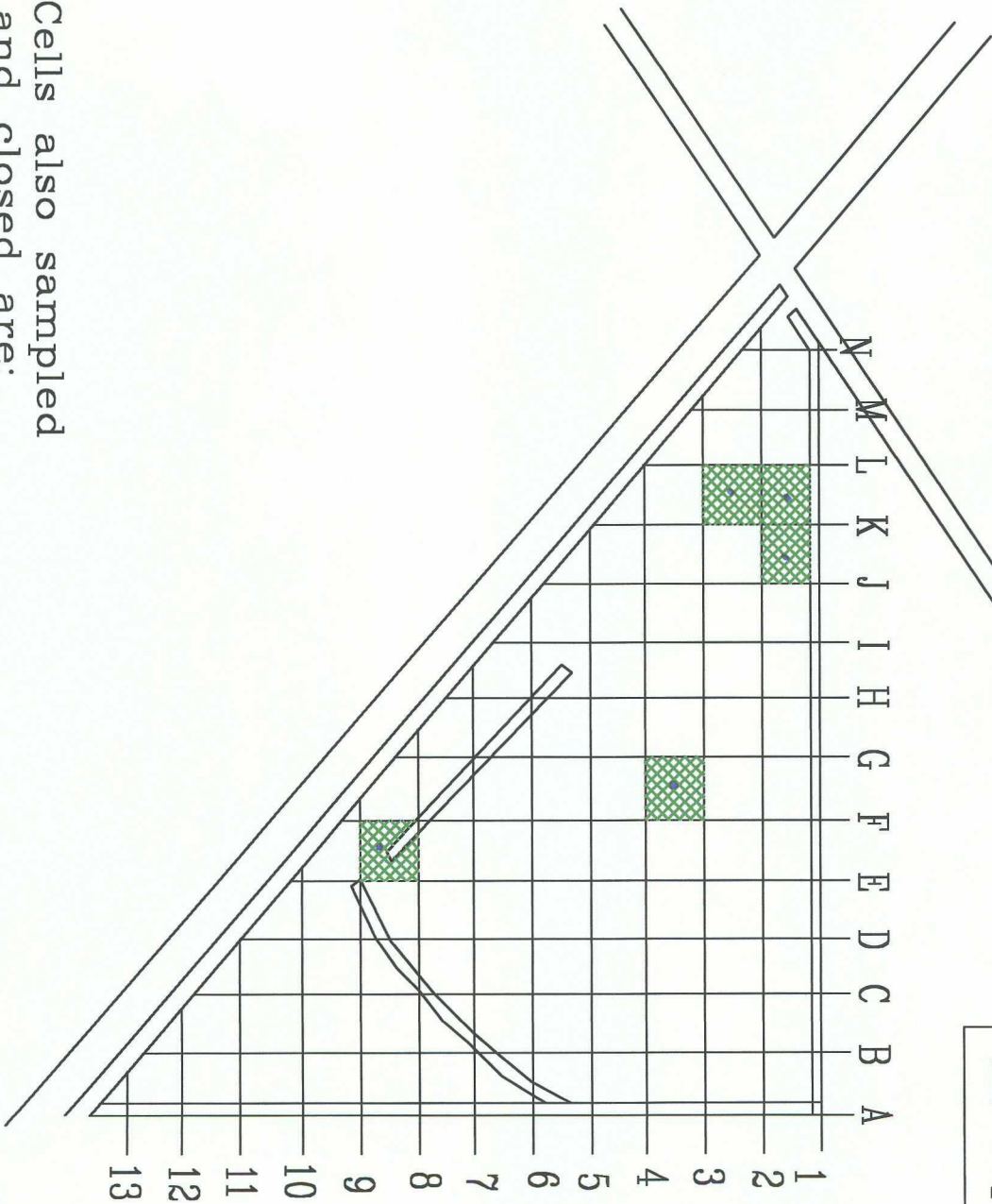
KEY	
	Closed by OCD
	Closed by Env.
	Open (Hot)
	Empty

Drawn By: HMB
Revised: 5-05-99



ENVIROTECH INC. LANDFARM #2 UNIT #4

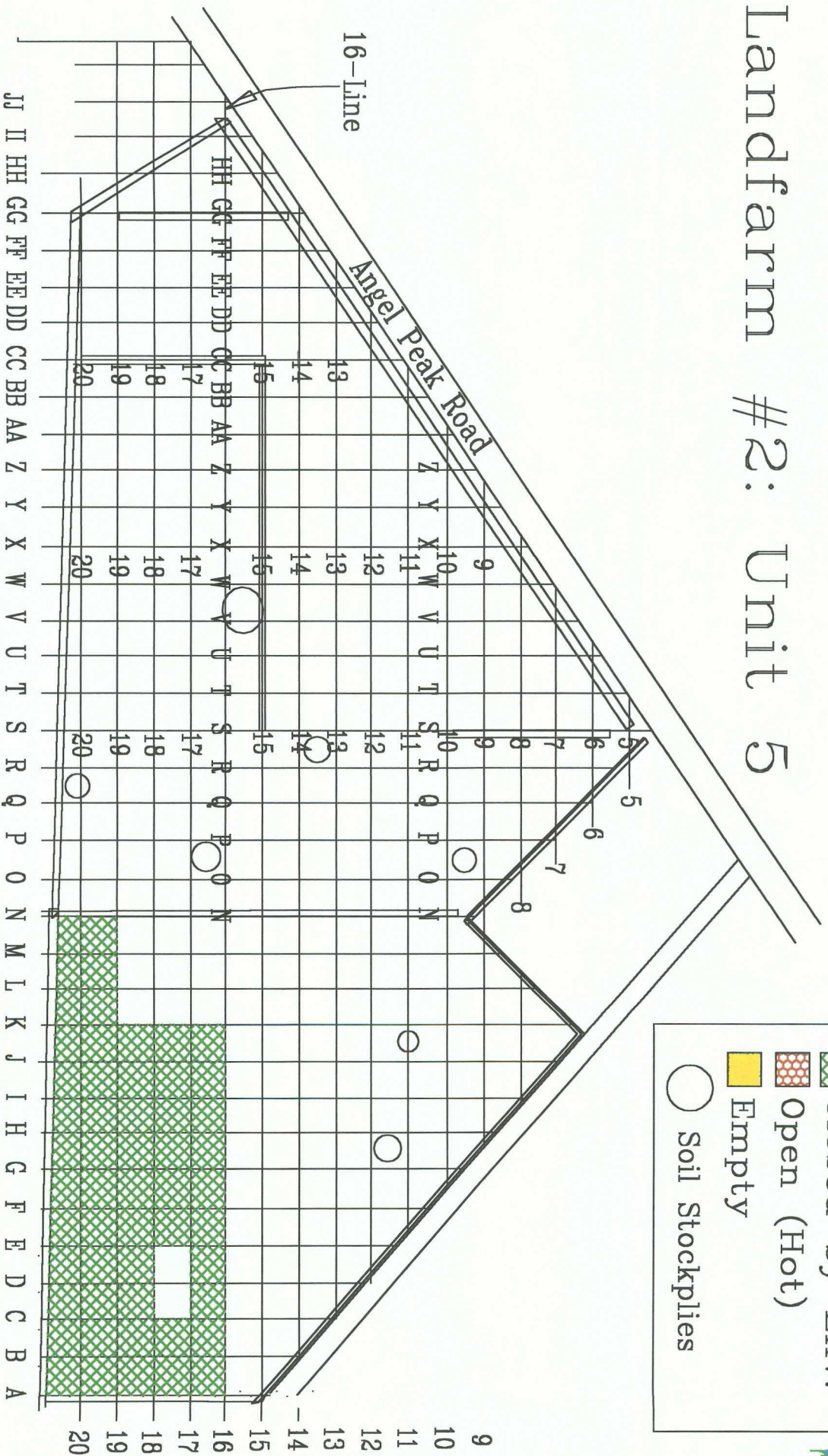
KEY	
	Closed by OCD
	Closed by Env.
	Open (Hot)
	Empty



* Cells also sampled
and closed are:
C12, I7, J6, K5, L4

Drawn By: HMB
Revised: 5/99

Landfarm #2: Unit 5



KEY

-  Closed by OCD
-  Closed by Env.
-  Open (Hot)
-  Empty
-  Soil Stockpiles



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 17, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. P-326-936-418

Mr. Morris Young
Envirotech Inc.
5796 U. S. Highway 64-3014
Farmington, New Mexico 87401

**RE: Review of Analytical Data for Discontinued Maintenance Status, Land Farm #2
NW 1/4, of Section 6, Twn. 26 North, Rng. 10 West, NMPM
San Juan County, New Mexico**

Dear Mr Young:

The New Mexico Oil Conservation Division (OCD) has received Envirotech Inc.'s (Envirotech) letter, dated February 2, 1998 and data packets concerning the request for discontinued maintenance status. Based on the information provided the following main cells and unit 4 cells of Land Farm # 2 are hereby approved for discontinued maintenance status:

Cell A-11	Cell N-8	Cell P-4	Cell R-10
Cell A-24	Cell N-9	Cell P-5	Cell R-11
Cell B-12	Cell N-10	Cell P-8	Cell R-13
Cell C-19	Cell N-11	Cell P-17	Cell R-16
Cell K-4	Cell N-12	Cell Q-1	Cell R'-1
Cell L-8	Cell N-17	Cell Q-2	Cell R'-2
Cell L-9	Cell N-18	Cell Q-3	Cell R'-3
Cell L-13	Cell O-1	Cell Q-4	Cell R'-4
Cell M-5	Cell O-2	Cell Q-5	Cell R'-5
Cell M-6	Cell O-3	Cell Q-8	Cell R'-6
Cell M-9	Cell O-4	Cell Q-9	Cell R'-7
Cell N-1	Cell O-5	Cell Q-10	Cell R'-8
Cell N-2	Cell O-7	Cell Q-11	Cell R'-9
Cell N-3	Cell O-17	Cell Q-16	Cell R'-10
Cell N-4	Cell O-18	Cell Q-17	Cell R'-11
Cell N-5	Cell P-1	Cell R-5	Cell R'-12
Cell N-6	Cell P-2	Cell R-6	Cell R'-13
Cell N-7	Cell P-3	Cell R-9	Cell R'-14

Mr. Young
April 17, 1998
Page 2

Cell R'-15	Cell S-15	Cell V-1	Cell Y-3
Cell R'-16	Cell T-1	Cell V-2	Cell Y-4
Cell S-1	Cell T-2	Cell V-3	Cell Z-1
Cell S-2	Cell T-4	Cell V-4	Cell Z-2
Cell S-3	Cell T-5	Cell V-5	Cell Z-3
Cell S-4	Cell T-6	Cell W-1	Cell Z-4
Cell S-5	Cell T-7	Cell W-2	Cell AA-1
Cell S-6	Cell T-8	Cell W-3	Cell AA-2
Cell S-7	Cell U-1	Cell W-4	Cell AA-3
Cell S-8	Cell U-2	Cell W-5	Cell AA-4
Cell S-9	Cell U-3	Cell X-1	Cell BB-1
Cell S-10	Cell U-4	Cell X-2	Cell BB-2
Cell S-11	Cell U-5	Cell X-3	Cell BB-3
Cell S-12	Cell U-6	Cell X-4	
Cell S-13	Cell U-7	Cell Y-1	
Cell S-14	Cell U-8	Cell Y-2	

Landfarm #2 Unit 4

U4 Cell A-1	U4 Cell C-3	U4 Cell E-3	U4 Cell I-1
U4 Cell A-2	U4 Cell C-4	U4 Cell E-4	U4 Cell I-2
U4 Cell A-3	U4 Cell C-5	U4 Cell E-5	U4 Cell I-5
U4 Cell A-4	U4 Cell C-6	U4 Cell E-9	U4 Cell I-6
U4 Cell A-7	U4 Cell C-7	U4 Cell F-1	U4 Cell I-7
U4 Cell A-8	U4 Cell C-8	U4 Cell F-2	U4 Cell J-2
U4 Cell A-10	U4 Cell C-9	U4 Cell F-5	U4 Cell J-3
U4 Cell B-1	U4 Cell C-10	U4 Cell F-8	U4 Cell J-4
U4 Cell B-2	U4 Cell C-11	U4 Cell F-9	U4 Cell J-5
U4 Cell B-3	U4 Cell C-12	U4 Cell G-1	U4 Cell J-6
U4 Cell B-4	U4 Cell D-1	U4 Cell G-2	U4 Cell K-4
U4 Cell B-5	U4 Cell D-2	U4 Cell G-3	U4 Cell K-5
U4 Cell B-6	U4 Cell D-3	U4 Cell G-5	U4 Cell L-1
U4 Cell B-7	U4 Cell D-4	U4 Cell G-7	U4 Cell L-2
U4 Cell B-8	U4 Cell D-5	U4 Cell G-8	U4 Cell L-3
U4 Cell B-9	U4 Cell D-7	U4 Cell H-1	U4 Cell L-4
U4 Cell B-10	U4 Cell D-8	U4 Cell H-2	U4 Cell M-1
U4 Cell B-11	U4 Cell D-9	U4 Cell H-4	U4 Cell M-2
U4 Cell B-12	U4 Cell D-10	U4 Cell H-5	U4 Cell N-1
U4 Cell C-1	U4 Cell E-1	U4 Cell H-6	
U4 Cell C-2	U4 Cell E-2	U4 Cell H-7	

Mr. Young
April 17, 1998
Page 3

Note that authorization is being granted to discontinue maintenance. If Envirotech wants to add successive lifts, maintenance and treatment zone monitoring will resume. If Envirotech wants to move the soils from the facility separate OCD authorization must be granted.

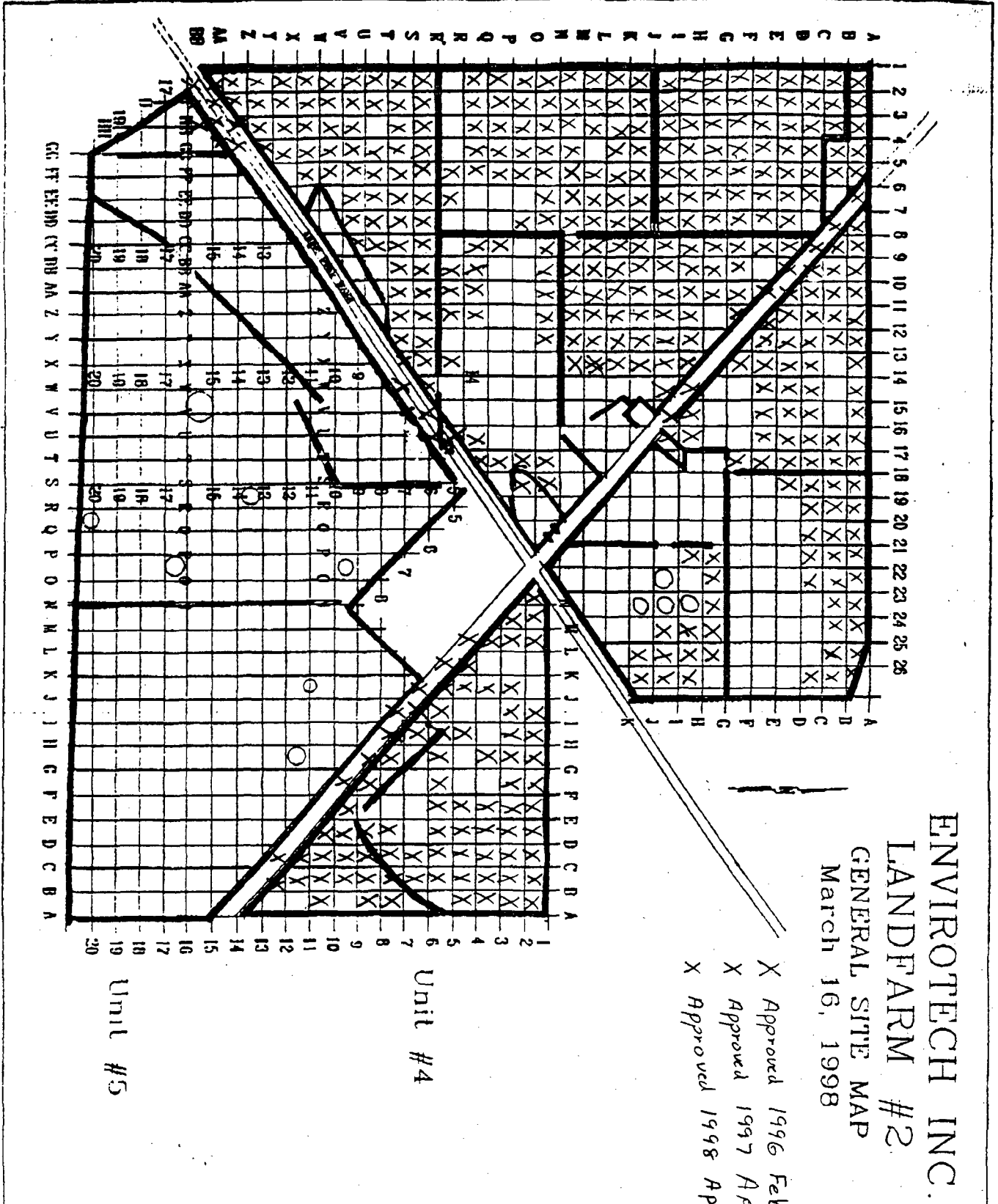
Please be advised that OCD approval does not relieve Envirotech of liability should their operation result in pollution of the ground water, surface water or the environment. In addition, OCD approval does not relieve Envirotech of the responsibility for compliance with other federal, state and/or local regulations.

If you have any questions please do not hesitate to contact me at (505) 827-7153.

Sincerely,


Martyne J. Kielling
Environmental Geologist

xc: OCD Aztec Office



ENVIROTECH INC.

LANDFARM #2

GENERAL SITE MAP

March 16, 1998

X Approved 1996 February 7, June 3

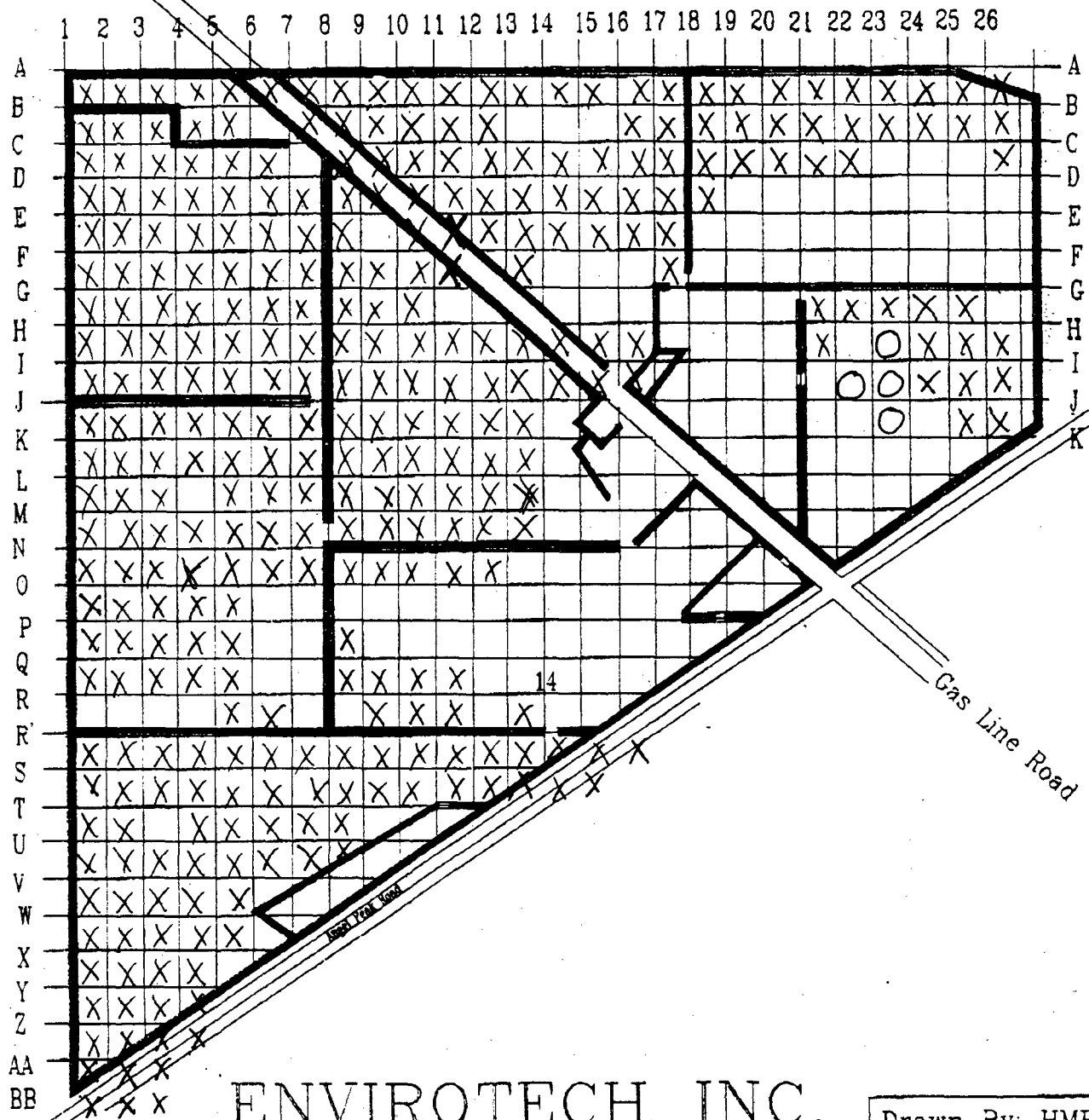
X Approved 1997 April 1

X Approved 1998 April 17

Unit #4

Unit #5

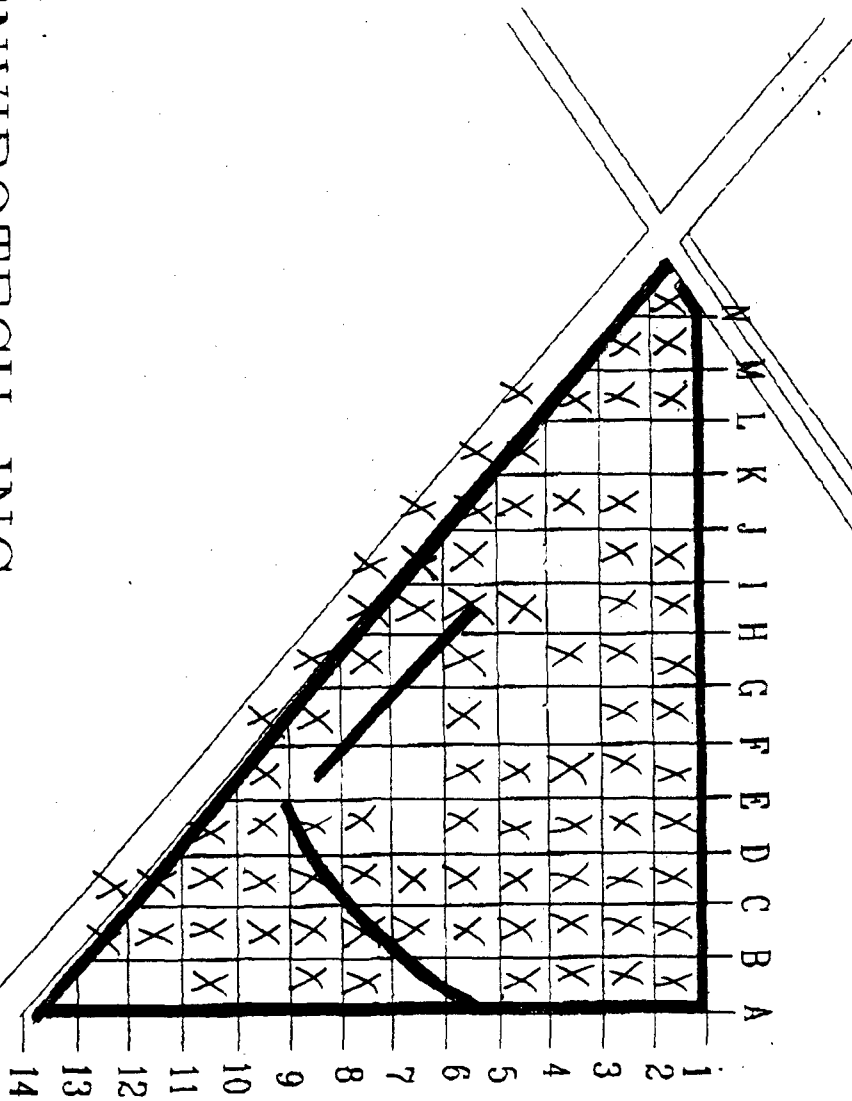
X Approved 1996 February 7, June 3
X Approved 1997 April
X Approved 1998 April 17



Drawn By: HMB

Revised: 3-16-98

ENVIROTECH INC.
LANDFARM #2
UNIT #4

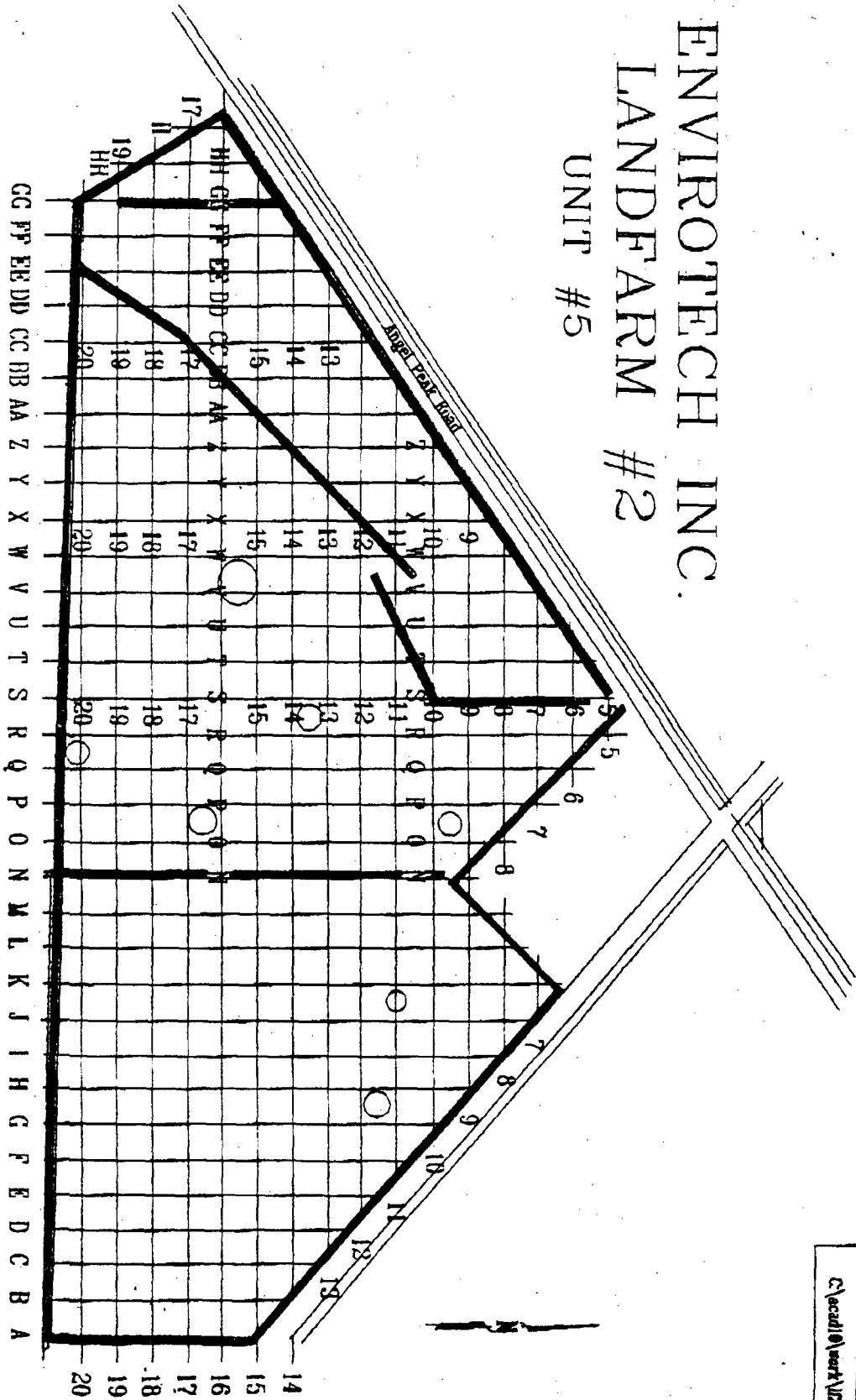


Unit #4

Drawn By: HMB
Revised: 3-16-98
c:\arc10\work\W2unit4

ENVIROTECH INC. LANDFARM #2

UNIT #5



Drawn By: HMB
Revised: 3-16-98
c:\acad10\work\12\unit5

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 1-15-98

RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 3

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

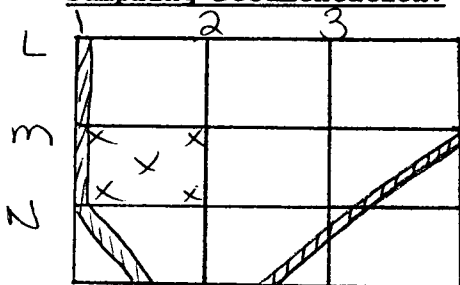
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
SPNG	8-21-95	Lot 2C-29	Line Drip 40015	210
"	9-7-95	A-1 Tinnelle Apts	Separators on Deck #1 mike 74351	30
"	"	" 67-9CH	" mike 72445	10

Sampling Documentation:



Landfarm # 2 Unit 4 Cell(s): M-1

Sample Date: 8-19-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell M-1	Pass	2.0087	0.0265	7.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Anthony J. Kelly* _____

Date 4/4/98

...Marlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell M - 1	Date Reported:	08-21-97
Laboratory Number:	B881	Date Sampled:	08-19-97
Chain of Custody:	5357	Date Received:	08-19-97
Sample Matrix:	Soil	Date Analyzed:	08-20-97
Preservative:	Cool	Date Extracted:	08-19-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.7
Toluene	ND	8.3
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	26.5	5.2
Total BTEX	26.5	

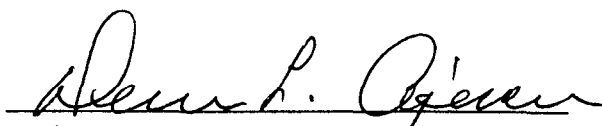
ND - Parameter not detected at the stated detection limit.

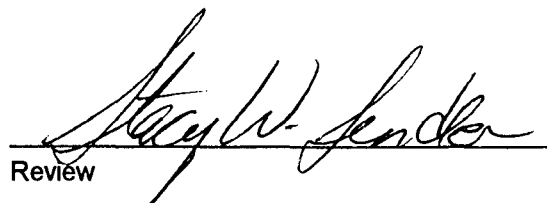
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

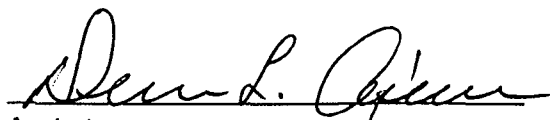
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell M - 1	Date Reported:	08-22-97
Laboratory Number:	B881	Date Sampled:	08-19-97
Chain of Custody No:	5357	Date Received:	08-19-97
Sample Matrix:	Soil	Date Extracted:	08-19-97
Preservative:	Cool	Date Analyzed:	08-21-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	7.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	7.5	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 pt. composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

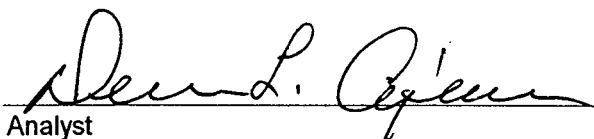
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-22-97
Laboratory Number:	08-21-PM-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-21-97
Condition:	N/A	Analysis Requested:	TPH

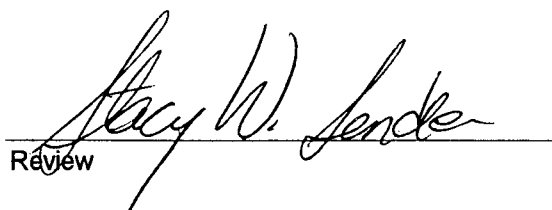
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-22-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-21-97
Condition:	Cool and Intact	Analysis Requested:	TPH

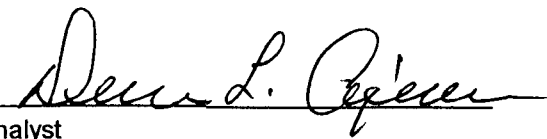
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	3.5	3.5	0.0%
Diesel Range (C10 - C28)	1.7	1.7	0.0%
Total Petroleum Hydrocarbons	5.2	5.2	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-22-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-21-97
Condition:	N/A		

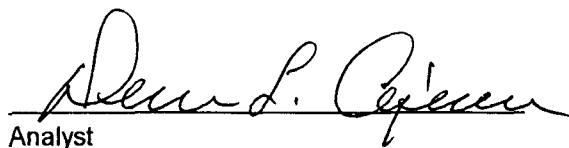
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	3.5	250	253	0.2	100%
Diesel Range (C10 - C28)	1.7	250	252	0.1	100%
Total Petroleum Hydrocarbons	5.2	500	505	0.2	100%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-21-97
Laboratory Number:	08-20-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-20-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

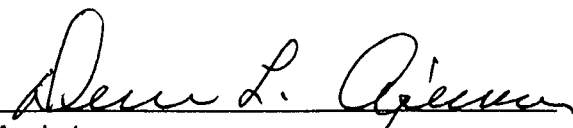
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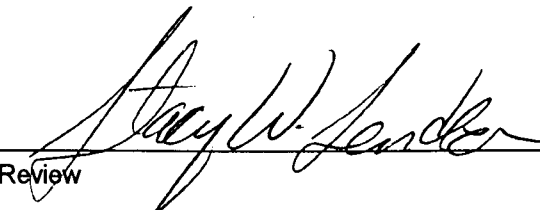
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-21-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-20-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	23.6	23.3	7.6	1.0%
p,m-Xylene	ND	ND	10.8	0.0%
o-Xylene	12.2	12.0	5.2	1.0%

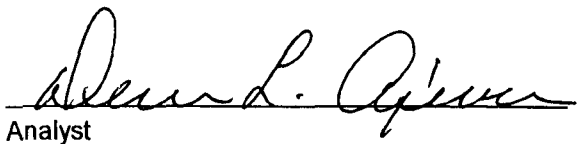
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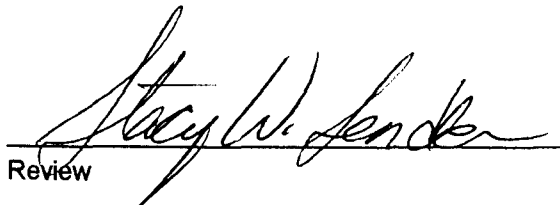
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-21-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-19-97
Condition:	Cool and Intact	Date Analyzed:	08-20-97

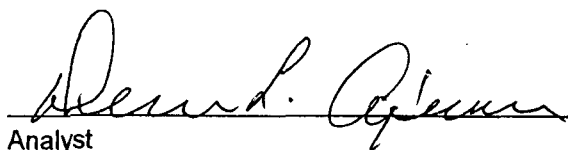
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	23.6	50.0	72.4	7.6	98%	32-160
p,m-Xylene	ND	100	96.7	10.8	97%	46-148
o-Xylene	12.2	50.0	61.3	5.2	99%	46-148

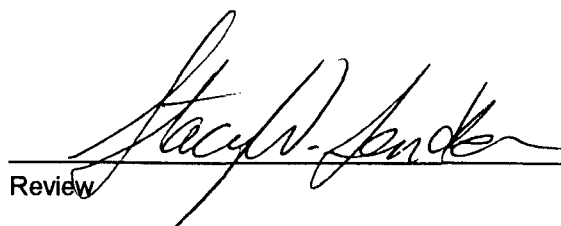
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS					
Sampler: (Signature)			Chain of Custody Tape No.		Remarks					
Christine Martin			91020-04		Close Samples Spt. Composite					
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers					
Cell A-4	8-19-97	09:40	B875	Soil	1	✓	✓			
Cell B-4		09:55	B876		1	✓	✓			
Cell C-4		10:10	B877		1	✓	✓			
Cell D-4		10:25	B878		1	✓	✓			
Cell E-4		10:55	B879		1	✓	✓			
Cell H-4		11:20	B880		1	✓	✓			
Cell m-1		09:15	B881		1	✓	✓			
Cell m-2		09:20	B882		1	✓	✓			
All samples received ccd1 intact.										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)		Date			
Christine Martin			8-19-97	13:15	Blair D. Oliver		8-19-97 13:15			
Relinquished by: (Signature)										
Relinquished by: (Signature)			Received by: (Signature)							

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

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

Date : 1-15-98

RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPWG 04047	9-18-95	Jicciella L#9	meter 93184 Separator a Dehy 22	316
"	"	" 2C-94	Line Drip 018	216
"	"	" CWT #10	meter 14884 Separator a Dehy 02	18

Sampling Documentation:

	1	2	3
G			
H		X	X
I		X	X

Landfarm # 2 Unit 4 Cell(s): H-2

Sample Date: 8-6-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX,TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-2	Pass	4.0088	4.0108	40.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe
...Marlan\Form\ooddas

Date 4/4/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

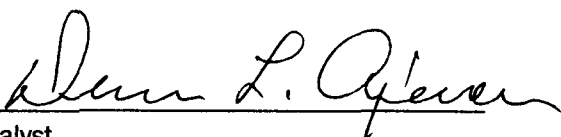
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell H - 2	Date Reported:	08-13-97
Laboratory Number:	B781	Date Sampled:	08-06-97
Chain of Custody No:	5341	Date Received:	08-06-97
Sample Matrix:	Soil	Date Extracted:	08-06-97
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

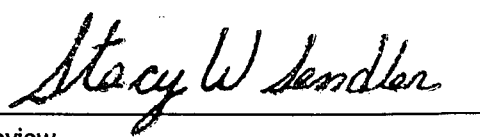
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: **Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell H - 2	Date Reported:	08-13-97
Laboratory Number:	B781	Date Sampled:	08-06-97
Chain of Custody:	5341	Date Received:	08-06-97
Sample Matrix:	Soil	Date Analyzed:	08-12-97
Preservative:	Cool	Date Extracted:	08-06-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

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

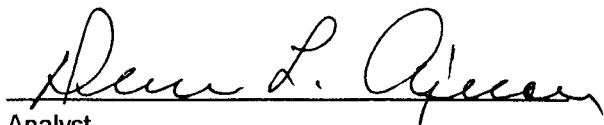
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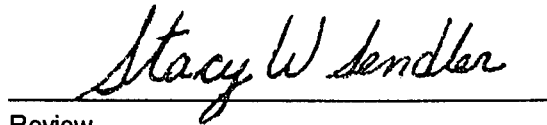
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-13-97
Laboratory Number:	08-12-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

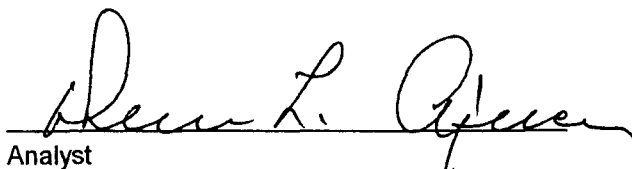
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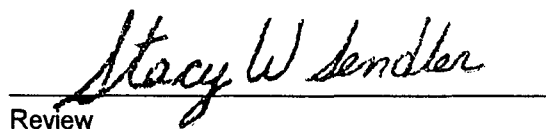
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	99 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	18.9	18.7	10.8	0.8%
o-Xylene	12.2	12.0	5.2	1.0%

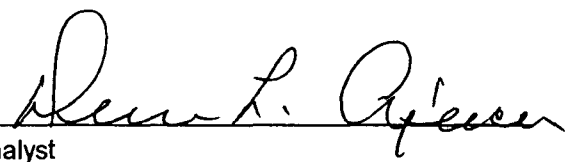
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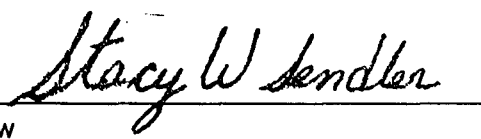
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-06-97
Condition:	Cool and Intact	Date Analyzed:	08-12-97

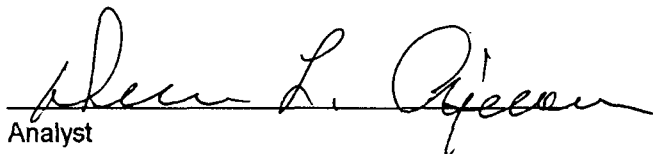
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	47.3	8.8	95%	39-150
Toluene	ND	50.0	47.6	8.4	95%	46-148
Ethylbenzene	ND	50.0	48.0	7.6	96%	32-160
p,m-Xylene	18.9	100	114	10.8	96%	46-148
o-Xylene	12.2	50.0	59.3	5.2	95%	46-148

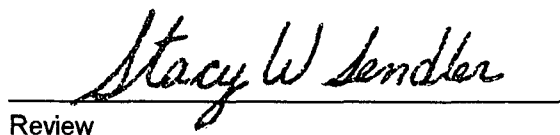
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

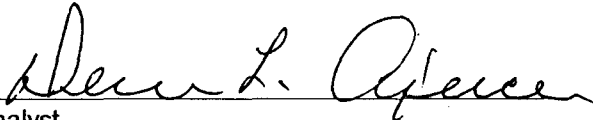
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-13-97
Laboratory Number:	08-12-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-97
Condition:	N/A	Analysis Requested:	TPH

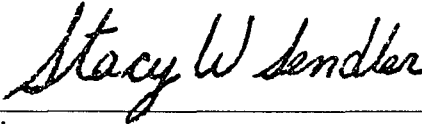
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	TPH

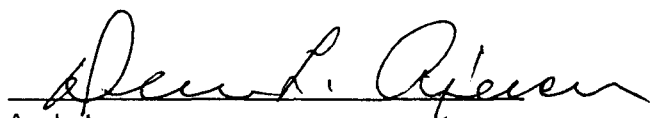
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	ND	ND	0.0%
Diesel Range (C10 - C28)	ND	ND	0.0%
Total Petroleum Hydrocarbons	ND	ND	0.0%

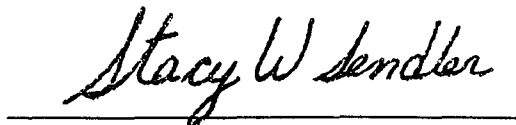
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-12-97
Condition:	N/A		

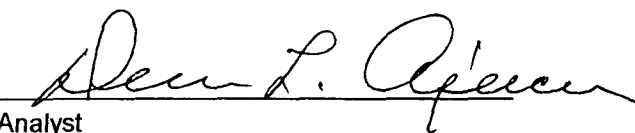
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	ND	250	248	0.2	99%
Diesel Range (C10 - C28)	ND	250	248	0.1	99%
Total Petroleum Hydrocarbons	ND	500	496	0.2	99%

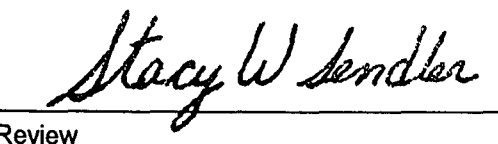
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS														
Sampler: (Signature)			Chain of Custody Tape No.		Remarks														
Sample No./ Identification			Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX			8015			Closure Samples			SOL Composite		
Chutime location																			
Cul A-2	8-6-97	09:35	8774	Soil	1	✓	✓												
Cul B-2		09:45	8775		1	✓	✓												
Cul C-2		10:05	8776		1	✓	✓												
Cul D-2		10:15	8777		1	✓	✓												
Cul E-2		10:35	8778		1	✓	✓												
Cul F-2		10:45	8779		1	✓	✓												
Cul G-2		11:05	8780		1	✓	✓												
Cul H-2		11:15	8781		1	✓	✓												
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Received			Cool; intact			Date	Time				
Chutime location			8-6-97	13:35	Blair D. O'Brien									8-6-97	13:35				
Relinquished by: (Signature)					Received by: (Signature)														
Relinquished by: (Signature)					Received by: (Signature)														

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Date: 1-15-98
RECEIVED
FEB - 4 1998
OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
Arco Pipeline 92125	1-31-90 2-2-96		note 92125 Separator & Dehy pit	78

Sampling Documentation:

G	3	4	5
H		X	X
		X	X
I		X	X

Landfarm # 2 unit 4 Cell(s): H-4

Sample Date: 8-19-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-4	Pass	4.0088	0.0725	2.0

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Martinez* _____
...Hacian/Form/oodms

Date 4/4/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell H - 4	Date Reported:	08-21-97
Laboratory Number:	B880	Date Sampled:	08-19-97
Chain of Custody:	5357	Date Received:	08-19-97
Sample Matrix:	Soil	Date Analyzed:	08-20-97
Preservative:	Cool	Date Extracted:	08-19-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	35.4	10.8
o-Xylene	37.1	5.2
Total BTEX	72.5	

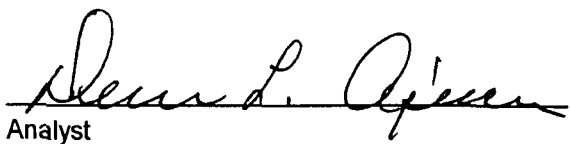
ND - Parameter not detected at the stated detection limit.

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

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

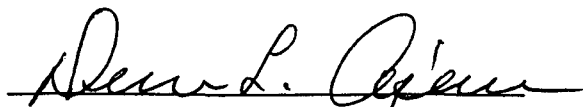
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell H - 4	Date Reported:	08-22-97
Laboratory Number:	B880	Date Sampled:	08-19-97
Chain of Custody No:	5357	Date Received:	08-19-97
Sample Matrix:	Soil	Date Extracted:	08-19-97
Preservative:	Cool	Date Analyzed:	08-21-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

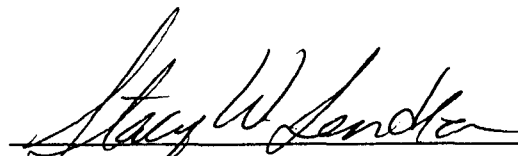
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.0	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.0	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 pt. composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

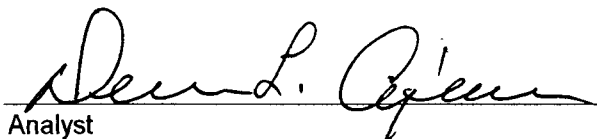
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-22-97
Laboratory Number:	08-21-PM-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-21-97
Condition:	N/A	Analysis Requested:	TPH

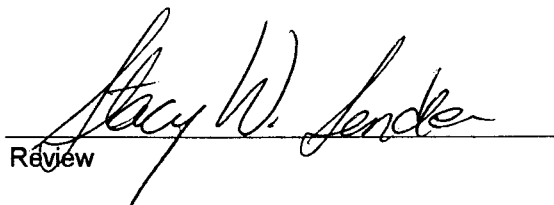
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-22-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-21-97
Condition:	Cool and Intact	Analysis Requested:	TPH

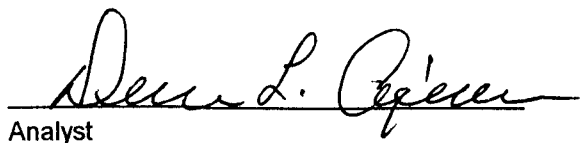
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	3.5	3.5	0.0%
Diesel Range (C10 - C28)	1.7	1.7	0.0%
Total Petroleum Hydrocarbons	5.2	5.2	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-22-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-21-97
Condition:	N/A		

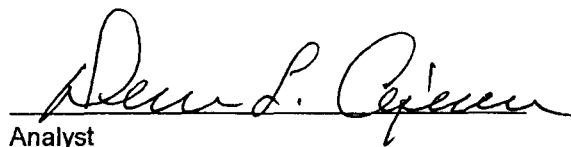
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	3.5	250	253	0.2	100%
Diesel Range (C10 - C28)	1.7	250	252	0.1	100%
Total Petroleum Hydrocarbons	5.2	500	505	0.2	100%

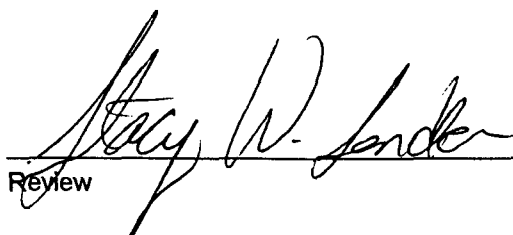
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-21-97
Laboratory Number:	08-20-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-20-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

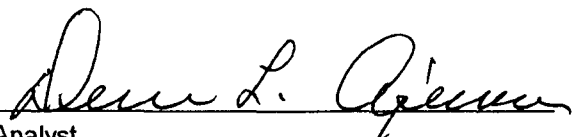
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-21-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-20-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	23.6	23.3	7.6	1.0%
p,m-Xylene	ND	ND	10.8	0.0%
o-Xylene	12.2	12.0	5.2	1.0%

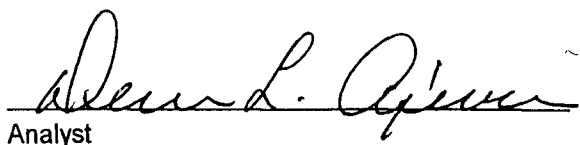
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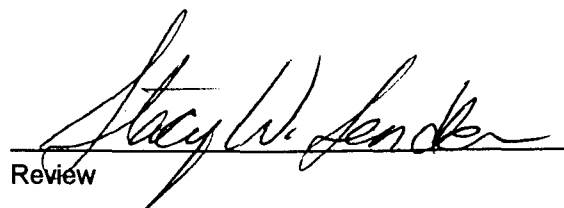
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: B875
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 08-21-97
Date Sampled: N/A
Date Received: N/A
Date Extracted: 08-19-97
Date Analyzed: 08-20-97

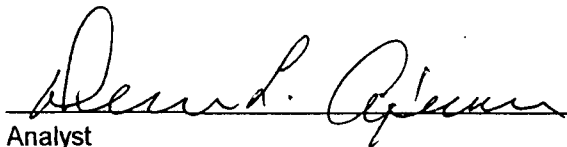
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	23.6	50.0	72.4	7.6	98%	32-160
p,m-Xylene	ND	100	96.7	10.8	97%	46-148
o-Xylene	12.2	50.0	61.3	5.2	99%	46-148

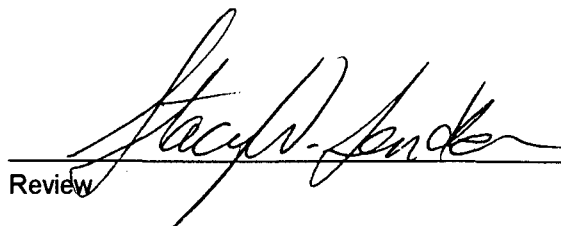
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS											
Sampler: (Signature)			Chain of Custody Tape No.													
Christine Watters			91020-04													
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX				8015				Remarks		
Cell A-4	8-19-97	09:40	B875	Soil	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Close Samples 5pt. Composite
Cell B-4		09:55	B876		1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Cell C-4		10:10	B877		1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Cell D-4		10:25	B878		1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Cell E-4		10:55	B879		1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Cell H-4		11:20	B880		1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Cell M-1		09:15	B881		1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	All Samples received cool & intact
Cell M-2		09:20	B882		1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Relinquished by: (Signature)			Date		Time		Received by: (Signature)		Date		Time					
Christine Watters			8-19-97		13:15		Alex D. Green		8-19-97		13:15					
Relinquished by: (Signature)							Received by: (Signature)									
Relinquished by: (Signature)							Received by: (Signature)									

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Date: 1-15-98

RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
SPNG	10-4-95	Fernells No 103	metu 90707 Superch on Del 22	120
"	"	Medica Crago #5	metu 93292	120

Sampling Documentation:

	4	5	6
F			
G		X	X
H		X	X

Landfarm # 2 Unit 4 Cell(s): G-5

Sample Date: 8-20-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-5	Pass	<.0088	0.0105	61.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 4/4/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell G - 5	Date Reported:	08-27-97
Laboratory Number:	B896	Date Sampled:	08-20-97
Chain of Custody:	5358	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	10.5	5.2
Total BTEX	10.5	

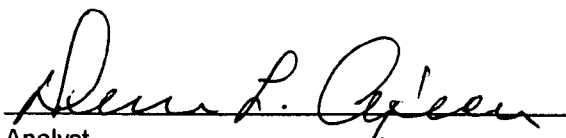
ND - Parameter not detected at the stated detection limit.

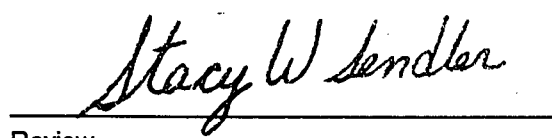
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

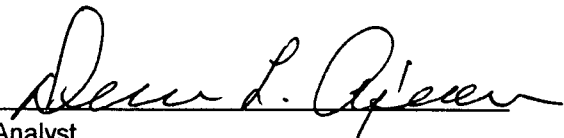
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell G - 5	Date Reported:	08-27-97
Laboratory Number:	B896	Date Sampled:	08-20-97
Chain of Custody No:	5358	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

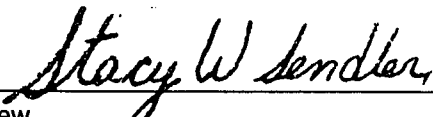
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.1	0.2
Diesel Range (C10 - C28)	57.1	0.1
Total Petroleum Hydrocarbons	61.2	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

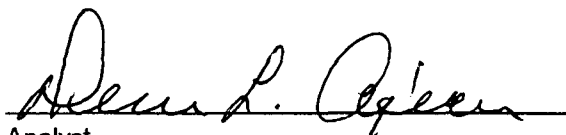
ND - Parameter not detected at the stated detection limit.

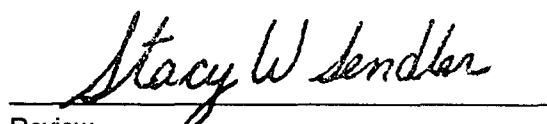
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	101 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B889	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	86.7	85.8	7.6	1.0%
p,m-Xylene	46.4	46.1	10.8	0.8%
o-Xylene	39.9	39.5	5.2	1.0%

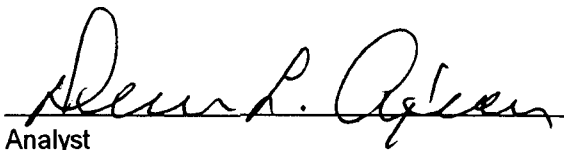
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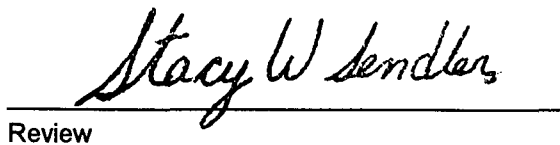
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: B889
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 08-27-97
Date Sampled: N/A
Date Received: N/A
Date Extracted: 08-20-97
Date Analyzed: 08-26-97

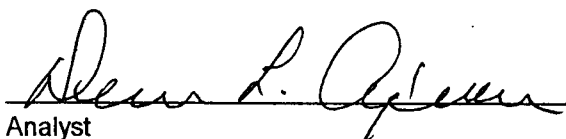
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	86.7	50.0	136	7.6	99%	32-160
p,m-Xylene	46.4	100	143	10.8	98%	46-148
o-Xylene	39.9	50.0	89.0	5.2	99%	46-148

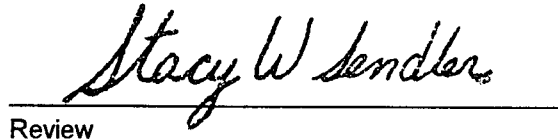
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References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

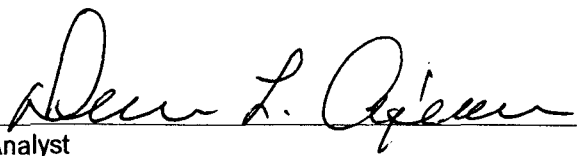
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	TPH

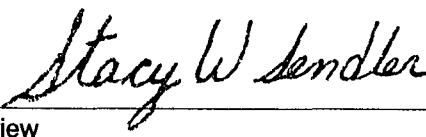
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B889	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	TPH

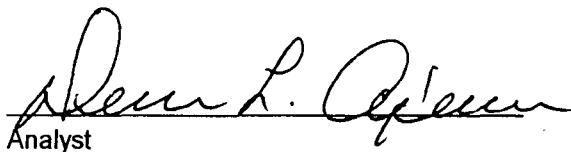
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	3.0	3.0	0.0%
Diesel Range (C10 - C28)	ND	ND	0.0%
Total Petroleum Hydrocarbons	3.0	3.0	0.0%

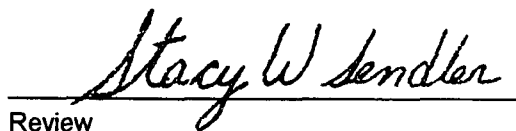
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-27-97
Laboratory Number:	B889	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-26-97
Condition:	N/A		

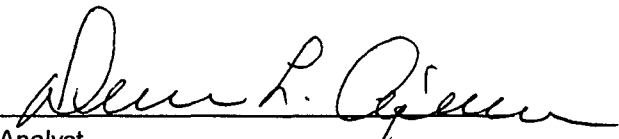
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	3.0	250	252	0.2	100%
Diesel Range (C10 - C28)	ND	250	250	0.1	100%
Total Petroleum Hydrocarbons	3.0	500	502	0.2	100%

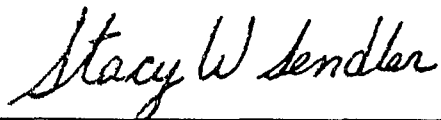
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS						
Sampler: (Signature)			Chain of Custody Tape No.								
Envirotech			Landham 2 Unit 4								
Christina Webster			91020-04								
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks					
Cell 8-5	8-20-97	09:30	B889	Soil	1	✓	✓	✓	✓	✓	5 pt. Composite
Cell 8-6		09:35	B890		1	✓	✓	✓	✓	✓	
Cell C-5		09:40	B891		1	✓	✓	✓	✓	✓	
Cell C-6		09:45	B892		1	✓	✓	✓	✓	✓	
Cell E-5		09:50	B893		1	✓	✓	✓	✓	✓	
Cell D-5		09:55	B894		1	✓	✓	✓	✓	✓	
Cell F-5		10:10	B895		1	✓	✓	✓	✓	✓	
Cell G-5		10:15	B896		1	✓	✓	✓	✓	✓	
All samples received cool & intact											
Relinquished by: (Signature)			Date	Time	Received by: (Signature)		Date				
Christina Webster			8-20-97	13:05	Debra L. O'Brien		8-20-97 1305				
Relinquished by: (Signature)					Received by: (Signature)						
Relinquished by: (Signature)					Received by: (Signature)						

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Date: 1-15-98

RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 3

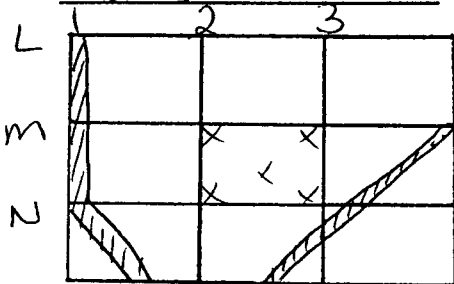
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
SPWG	8-21-95	Jicmilla Apache C#19	meter 74803	
"	8-31-95	" 67-9 R	Separation of debris & oil meter 72460	
"	"	" F#5 R	meter 74557	
"	9-7-95	" 35-1	meter 90657	

Sampling Documentation:



Landfarm # 2 Unit 4 Cell(s): M-2

Sample Date: 8-19-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell M-2	Pass	2.0087	0.0108	4.8

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 7/4/98

...Harlan\Form\ooddms

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

Date : 1-15-98

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

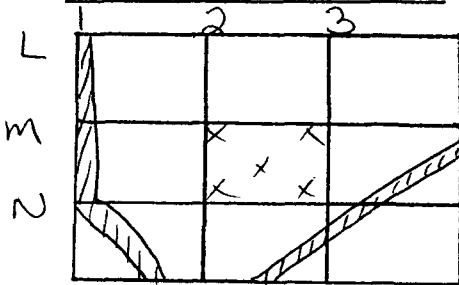
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
SPNG	9-12-95	Gco Corp. Jicabella 35 th #1E	Sept 93 113	
"	"	" L #3	Sept 93 211	
"	"	" Lst 2C-46	note 87098	
			Line Drop 010	

Sampling Documentation:



Landfarm # 21274 Cell(s): m-2 (cont.)

Sample Date: 8-19-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell m-2	Pass	4.0087	0.0108	4.8

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *[Signature]*

Date 4/4/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell M - 2	Date Reported:	08-21-97
Laboratory Number:	B882	Date Sampled:	08-19-97
Chain of Custody:	5357	Date Received:	08-19-97
Sample Matrix:	Soil	Date Analyzed:	08-20-97
Preservative:	Cool	Date Extracted:	08-19-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.7
Toluene	ND	8.3
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	10.8	5.2
Total BTEX	10.8	

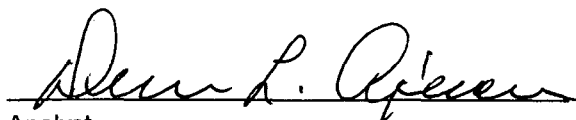
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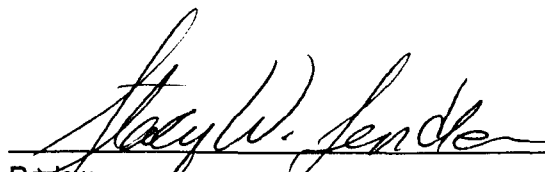
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

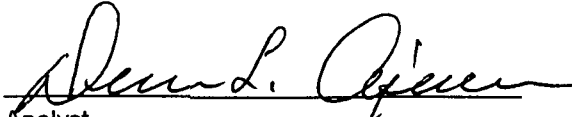
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell M - 2	Date Reported:	08-22-97
Laboratory Number:	B882	Date Sampled:	08-19-97
Chain of Custody No:	5357	Date Received:	08-19-97
Sample Matrix:	Soil	Date Extracted:	08-19-97
Preservative:	Cool	Date Analyzed:	08-21-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.8	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	4.8	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: **Landfarm 2 Unit 4 Closure Sample. 5 pt. composite.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

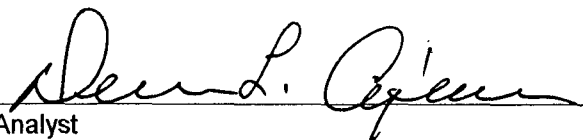
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-22-97
Laboratory Number:	08-21-PM-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-21-97
Condition:	N/A	Analysis Requested:	TPH

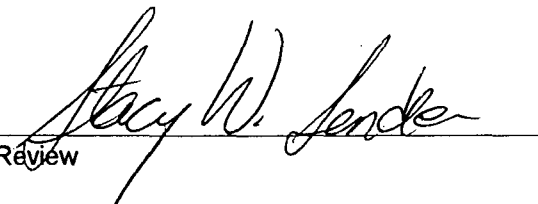
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-22-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-21-97
Condition:	Cool and Intact	Analysis Requested:	TPH

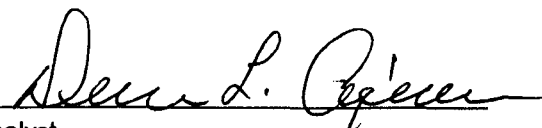
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	3.5	3.5	0.0%
Diesel Range (C10 - C28)	1.7	1.7	0.0%
Total Petroleum Hydrocarbons	5.2	5.2	0.0%

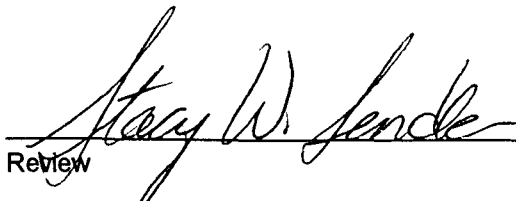
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-22-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-21-97
Condition:	N/A		

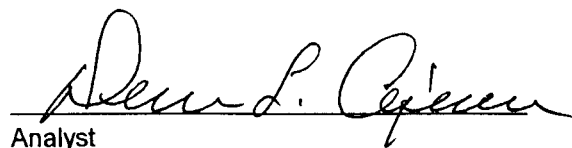
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	3.5	250	253	0.2	100%
Diesel Range (C10 - C28)	1.7	250	252	0.1	100%
Total Petroleum Hydrocarbons	5.2	500	505	0.2	100%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-21-97
Laboratory Number:	08-20-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-20-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

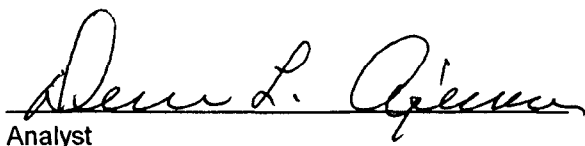
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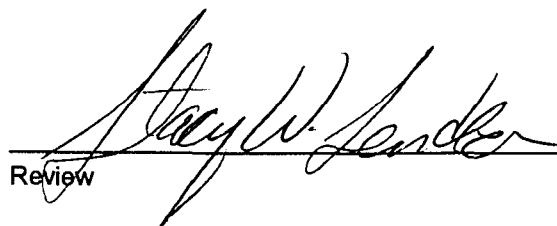
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-21-97
Laboratory Number:	B875	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-20-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	23.6	23.3	7.6	1.0%
p,m-Xylene	ND	ND	10.8	0.0%
o-Xylene	12.2	12.0	5.2	1.0%

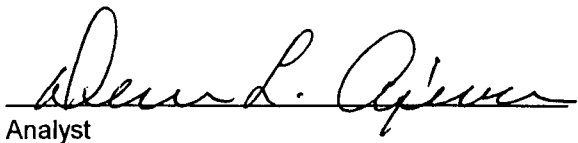
ND - Parameter not detected at the stated detection limit.

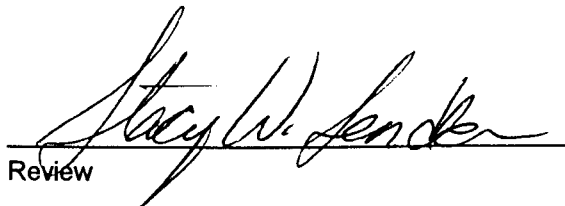
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: B875
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 08-21-97
Date Sampled: N/A
Date Received: N/A
Date Extracted: 08-19-97
Date Analyzed: 08-20-97

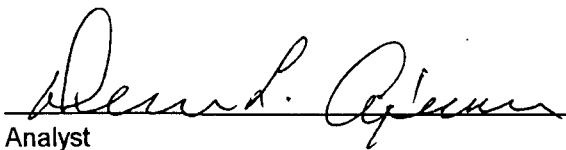
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	23.6	50.0	72.4	7.6	98%	32-160
p,m-Xylene	ND	100	96.7	10.8	97%	46-148
o-Xylene	12.2	50.0	61.3	5.2	99%	46-148

ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B814, B816 and B875 - B882.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS						
Sampler: (Signature)			Chain of Custody Tape No.		Remarks						
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers						
Core A-4	8-19-97	09:40	B875	Soil	1	✓	✓				Close Samples Spt. Composite
Core B-4		09:55	B876		1	✓	✓				
Core C-4		10:10	B877		1	✓	✓				
Core D-4		10:25	B878		1	✓	✓				
Core E-4		10:55	B879		1	✓	✓				
Core H-4		11:20	B880		1	✓	✓				
Core M-1		09:15	B881		1	✓	✓				
Core M-2		09:20	B882		1	✓	✓				
All Samples received cool & intact.											
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time		
Christine Martin			8-19-97	13:15	Steve D. Olsen			8-19-97	13:15		
Relinquished by: (Signature)											
Relinquished by: (Signature)											

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

RECEIVED
FEB - 4 1998
OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 04047	9-19-97	Jiravilla 2C-94	Line Drip 018	144
" "		" CWT #10	Separate & Dohy 27	144

Sampling Documentation:

	1	2	3
F			
G		X	X
H		X	X

Landfarm # 2 Unit 4 Cell(s): G-2

Sample Date: 8-6-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX,TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-2	Pass	<.0088	<.0108	<0.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe
...Harlan/Form/oodms

Date 4/4/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell G - 2	Date Reported:	08-13-97
Laboratory Number:	B780	Date Sampled:	08-06-97
Chain of Custody:	5341	Date Received:	08-06-97
Sample Matrix:	Soil	Date Analyzed:	08-12-97
Preservative:	Cool	Date Extracted:	08-06-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

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

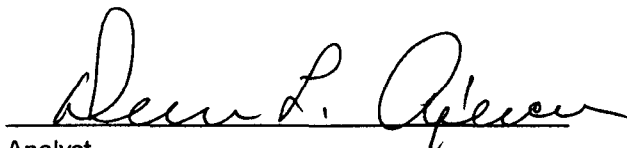
ND - Parameter not detected at the stated detection limit.

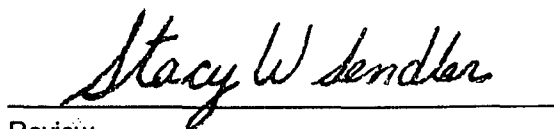
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

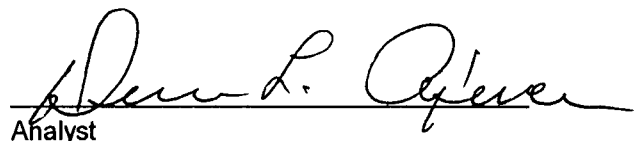
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell G - 2	Date Reported:	08-13-97
Laboratory Number:	B780	Date Sampled:	08-06-97
Chain of Custody No:	5341	Date Received:	08-06-97
Sample Matrix:	Soil	Date Extracted:	08-06-97
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

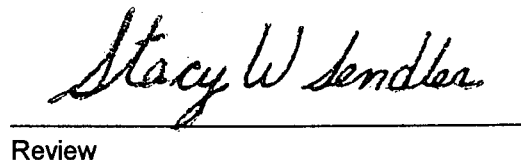
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-13-97
Laboratory Number:	08-12-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

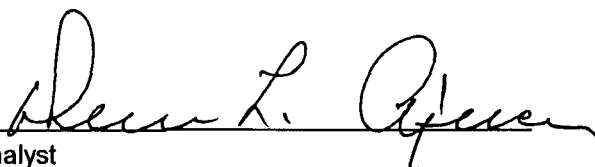
ND - Parameter not detected at the stated detection limit.

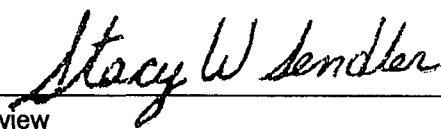
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	99 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	18.9	18.7	10.8	0.8%
o-Xylene	12.2	12.0	5.2	1.0%

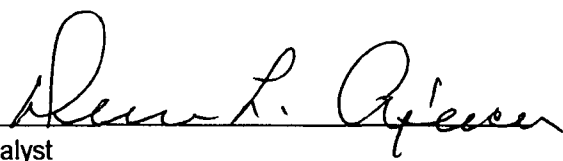
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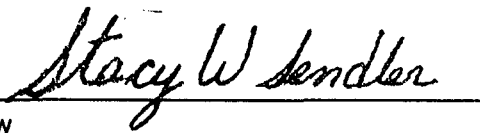
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-06-97
Condition:	Cool and Intact	Date Analyzed:	08-12-97

Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	47.3	8.8	95%	39-150
Toluene	ND	50.0	47.6	8.4	95%	46-148
Ethylbenzene	ND	50.0	48.0	7.6	96%	32-160
p,m-Xylene	18.9	100	114	10.8	96%	46-148
o-Xylene	12.2	50.0	59.3	5.2	95%	46-148

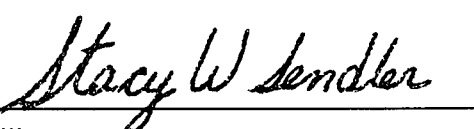
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

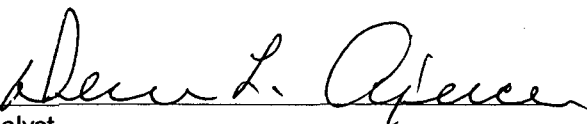
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-13-97
Laboratory Number:	08-12-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-97
Condition:	N/A	Analysis Requested:	TPH

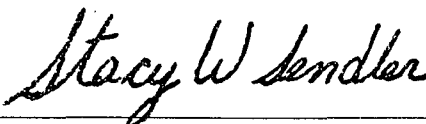
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	TPH

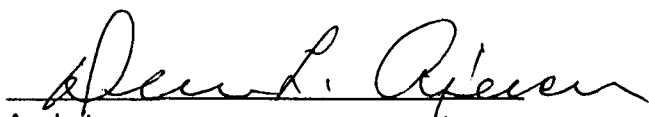
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	ND	ND	0.0%
Diesel Range (C10 - C28)	ND	ND	0.0%
Total Petroleum Hydrocarbons	ND	ND	0.0%

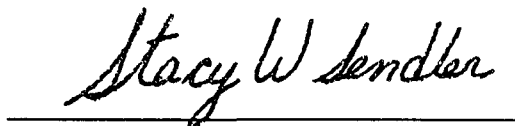
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-12-97
Condition:	N/A		

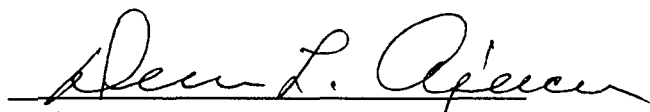
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	ND	250	248	0.2	99%
Diesel Range (C10 - C28)	ND	250	248	0.1	99%
Total Petroleum Hydrocarbons	ND	500	496	0.2	99%

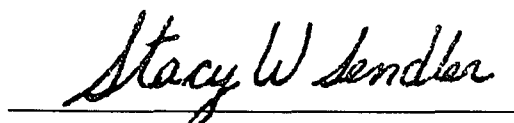
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS						
Sampler: (Signature)			Chain of Custody Tape No.		No. of Containers		Remarks				
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	BTEX	8015	Closure Samples Spt. Composite				
Envirotech			Landcam 2 Unit 4								
Christine Mott			91020-02 ⁰⁴ 8-6-97								
Cul A-2	8-6-97	09:35	8774	Soil	✓	✓					
Cul B-2		09:45	8775		✓	✓					
Cul C-2		10:05	8776		✓	✓					
Cul D-2		10:15	8777		✓	✓					
Cul E-2		10:35	8778		✓	✓					
Cul F-2		10:45	8779		✓	✓					
Cul G-2		11:05	8780		✓	✓					
Cul H-2		11:15	8781		✓	✓					
Relinquished by: (Signature)			Date	Time	Received by: (Signature)		Date				
Christine Mott			8-6-97	13:35	All samples received cool & intact		8-6-97 13:35				
Relinquished by: (Signature)					Received by: (Signature)						
Relinquished by: (Signature)					Received by: (Signature)						

ENVIROTECH INC.

5796 U.S. Highway 64-3014
Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 1-15-98

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

RECEIVED
FEB - 4 1998

OIL CON. DIV.

DIST. 2

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
SPN 04047	9-19-95	N.E. Haynes / #3	meter 02346 Separator & Del. pit	144
"	"	Jirrell A #8	meter 75623	72

Sampling Documentation:

E	1	2	3
F		x	x
G		x	x

Landfarm # 2 Unit 4 Cell(s): F-2

Sample Date: 8-6-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell F-2	Pass	2.0088	0.019	20.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Monty J. [Signature]*

Date 4/4/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell F - 2	Date Reported:	08-13-97
Laboratory Number:	B779	Date Sampled:	08-06-97
Chain of Custody:	5341	Date Received:	08-06-97
Sample Matrix:	Soil	Date Analyzed:	08-12-97
Preservative:	Cool	Date Extracted:	08-06-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	11.9	5.2
Total BTEX	11.9	

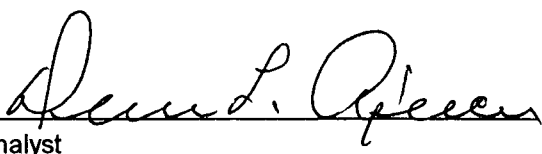
ND - Parameter not detected at the stated detection limit.

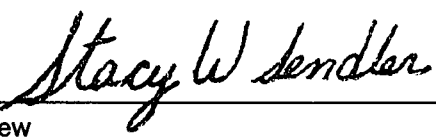
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell F - 2	Date Reported:	08-13-97
Laboratory Number:	B779	Date Sampled:	08-06-97
Chain of Custody No:	5341	Date Received:	08-06-97
Sample Matrix:	Soil	Date Extracted:	08-06-97
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

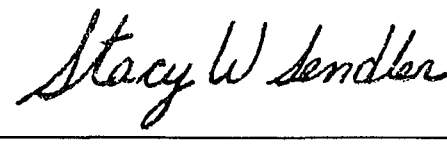
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: **Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-13-97
Laboratory Number:	08-12-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

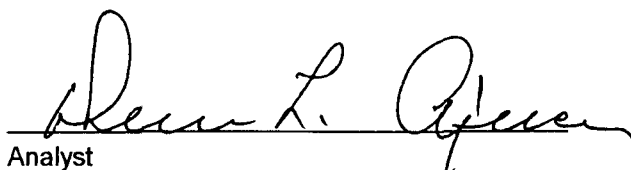
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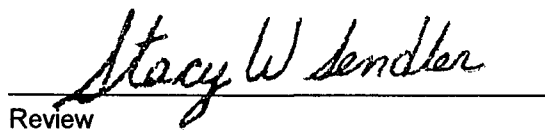
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	99 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	18.9	18.7	10.8	0.8%
o-Xylene	12.2	12.0	5.2	1.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
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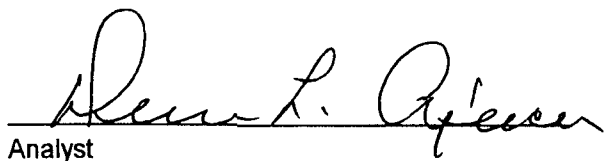
8020 Compounds

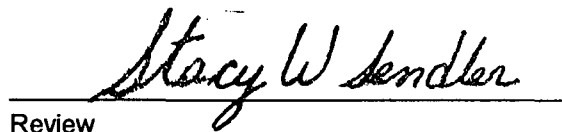
30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-06-97
Condition:	Cool and Intact	Date Analyzed:	08-12-97

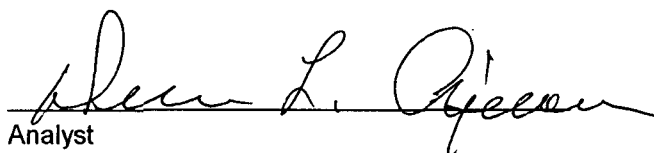
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	47.3	8.8	95%	39-150
Toluene	ND	50.0	47.6	8.4	95%	46-148
Ethylbenzene	ND	50.0	48.0	7.6	96%	32-160
p,m-Xylene	18.9	100	114	10.8	96%	46-148
o-Xylene	12.2	50.0	59.3	5.2	95%	46-148

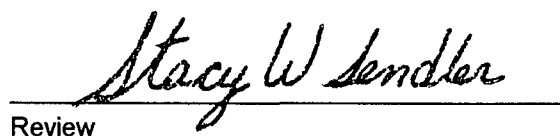
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B774 - B781 and B812 - B813.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

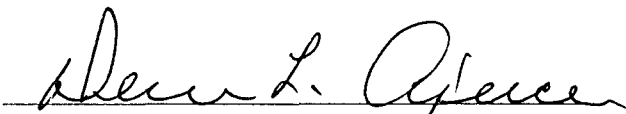
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-13-97
Laboratory Number:	08-12-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-97
Condition:	N/A	Analysis Requested:	TPH

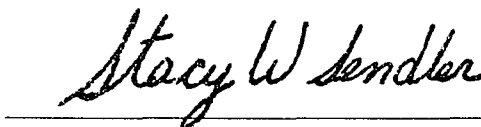
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-12-97
Condition:	Cool and Intact	Analysis Requested:	TPH

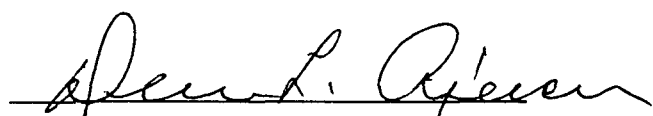
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	ND	ND	0.0%
Diesel Range (C10 - C28)	ND	ND	0.0%
Total Petroleum Hydrocarbons	ND	ND	0.0%

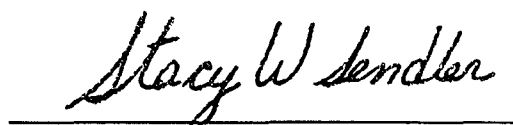
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-13-97
Laboratory Number:	B774	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-12-97
Condition:	N/A		

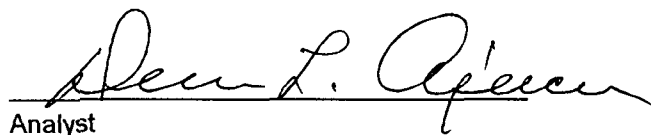
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	ND	250	248	0.2	99%
Diesel Range (C10 - C28)	ND	250	248	0.1	99%
Total Petroleum Hydrocarbons	ND	500	496	0.2	99%

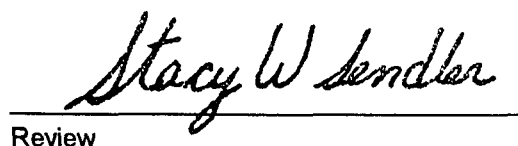
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B774 - B781.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS							
Sampler (Signature)			Chain of Custody Tape No. ⁰⁴		Remarks							
Christine Heaton			Landcam 2 Unit 4 91020-02 8-6-97		Closure Samples Sp. Composite							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	SO ₂					
Cell A-2	8-6-97	09:35	8774	Soil	1	✓	✓					
Cell B-2		09:45	8775		1	✓	✓					
Cell C-2		10:05	8776		1	✓	✓					
Cell D-2		10:15	8777		1	✓	✓					
Cell E-2		10:35	8778		1	✓	✓					
Cell F-2		10:45	8779		1	✓	✓					
Cell G-2		11:05	8780		1	✓	✓					
Cell H-2		11:15	8781		1	✓	✓					
All samples received cool & intact												
Relinquished by: (Signature)			Date		Time		Received by: (Signature)		Date		Time	
Christine Heaton			8-6-97		13:35		David S. Oliver		8-6-97		13:35	
Relinquished by: (Signature)							Received by: (Signature)					
Relinquished by: (Signature)							Received by: (Signature)					

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Date: 1-15-98

RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 04047	10-3-95	Ticciello No. 107	meta 90946 Separation & Del. P-1	
" "	"	" No 103	meta 907675	
" "	10-4-95	Mediacorps #5	meta 93292	

Sampling Documentation:

E	4	5	6
F		X	X
G		X	X

Landfarm # 2 Unit 4 Cell(s): F-5

Sample Date: 8-20-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell F-5	Pass	2.0088	0.0329	5.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 4/4/98

...Narlas\Form\oodms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell F - 5	Date Reported:	08-27-97
Laboratory Number:	B895	Date Sampled:	08-20-97
Chain of Custody:	5358	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	15.9	7.6
p,m-Xylene	ND	10.8
o-Xylene	17.0	5.2
Total BTEX	32.9	

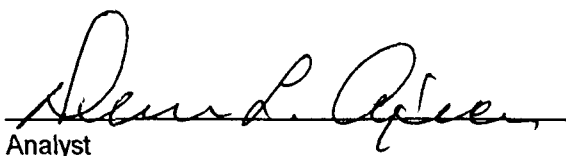
ND - Parameter not detected at the stated detection limit.

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

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

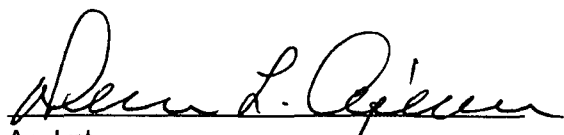
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell F - 5	Date Reported:	08-27-97
Laboratory Number:	B895	Date Sampled:	08-20-97
Chain of Custody No:	5358	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

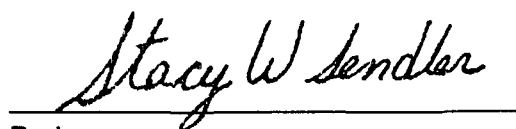
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.3	0.2
Diesel Range (C10 - C28)	2.2	0.1
Total Petroleum Hydrocarbons	5.5	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: **Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

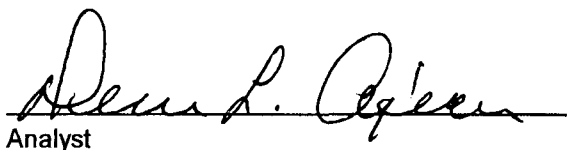
ND - Parameter not detected at the stated detection limit.

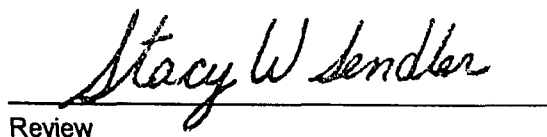
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	101 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B889	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	86.7	85.8	7.6	1.0%
p,m-Xylene	46.4	46.1	10.8	0.8%
o-Xylene	39.9	39.5	5.2	1.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
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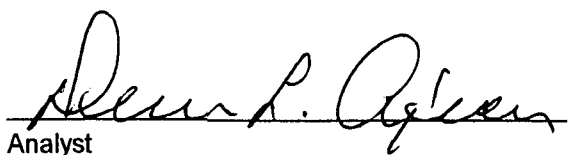
8020 Compounds

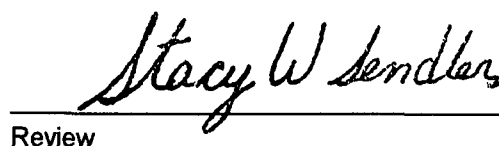
30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-27-97
Laboratory Number:	B889	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool and Intact	Date Analyzed:	08-26-97

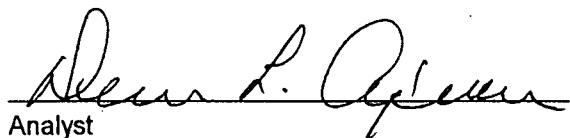
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	86.7	50.0	136	7.6	99%	32-160
p,m-Xylene	46.4	100	143	10.8	98%	46-148
o-Xylene	39.9	50.0	89.0	5.2	99%	46-148

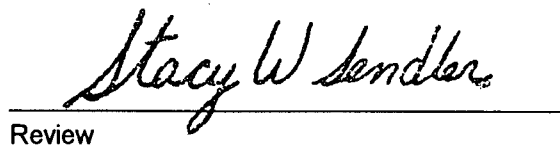
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

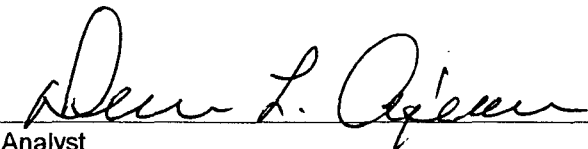
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	TPH

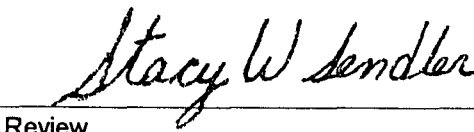
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B889	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	TPH

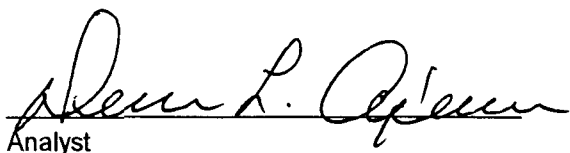
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	3.0	3.0	0.0%
Diesel Range (C10 - C28)	ND	ND	0.0%
Total Petroleum Hydrocarbons	3.0	3.0	0.0%

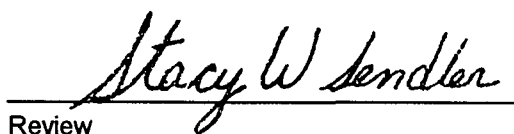
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-27-97
Laboratory Number:	B889	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-26-97
Condition:	N/A		

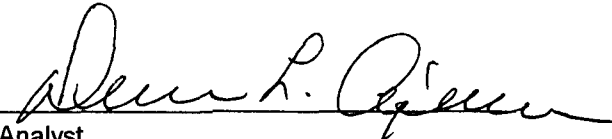
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	3.0	250	252	0.2	100%
Diesel Range (C10 - C28)	ND	250	250	0.1	100%
Total Petroleum Hydrocarbons	3.0	500	502	0.2	100%

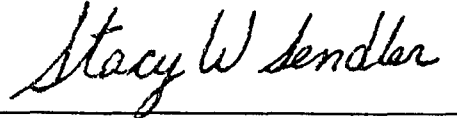
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B889 - B896.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location			ANALYSIS/PARAMETERS					
Sampler: (Signature)			Chain of Custody Tape No.								
Enviro Tech			Landrum 2 Unit 4								
Christina Matus			91020-04								
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks					
Cell 8-5	8-20-97	09:30	B889	Soil	1	✓	✓	✓	✓	✓	Closure Samples 5 pt. Composite
Cell 8-6		09:35	B890		1	✓	✓	✓	✓	✓	
Cell C-5		09:40	B891		1	✓	✓	✓	✓	✓	
Cell C-6		09:45	B892		1	✓	✓	✓	✓	✓	
Cell E-5		09:50	B893		1	✓	✓	✓	✓	✓	
Cell D-5		09:55	B894		1	✓	✓	✓	✓	✓	
Cell F-5		10:10	B895		1	✓	✓	✓	✓	✓	
Cell G-5		10:15	B896		1	✓	✓	✓	✓	✓	
All samples received cool & intact											
Relinquished by: (Signature)			Date			Received by: (Signature)			Date		
Christina Matus			8-20-97			Steven J. O'Brien			8-20-97		
Relinquished by: (Signature)			Date			Received by: (Signature)			Date		
Relinquished by: (Signature)			Date			Received by: (Signature)			Date		

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW.

Date: 1-9-98

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

RECEIVED
FEB - 4 1998

Dear Mr. Anderson:

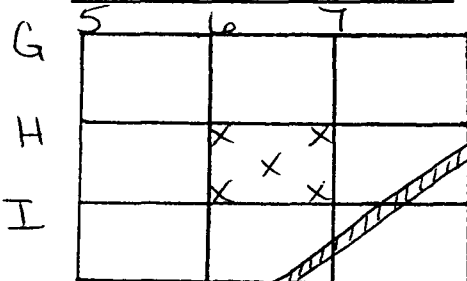
OIL CON. DIV.

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
Arco Pipeline 92125	1-10-90 1-15-96			115

Sampling Documentation:



Landfarm # 2 Unit 4 Cell(s): H-6

Sample Date: 8-20-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-6	Pass	2.0087	0.0809	12.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe
...\\nrc\\lan\\form\\oodms

Walter J. Jiff

Date 4/14/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell H - 6	Date Reported:	08-27-97
Laboratory Number:	B898	Date Sampled:	08-20-97
Chain of Custody:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.7
Toluene	ND	8.3
Ethylbenzene	17.5	7.6
p,m-Xylene	33.2	10.8
o-Xylene	30.2	5.2
Total BTEX	80.9	

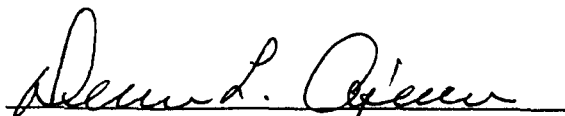
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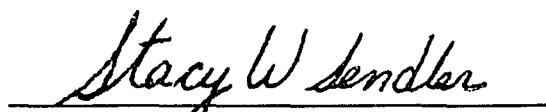
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

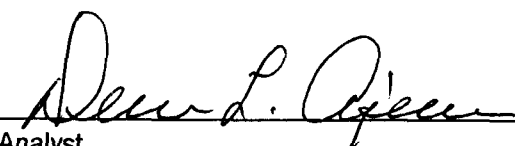
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell H - 6	Date Reported:	08-28-97
Laboratory Number:	B898	Date Sampled:	08-20-97
Chain of Custody No:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

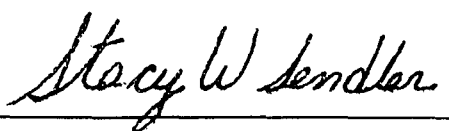
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	7.3	0.2
Diesel Range (C10 - C28)	5.2	0.1
Total Petroleum Hydrocarbons	12.5	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

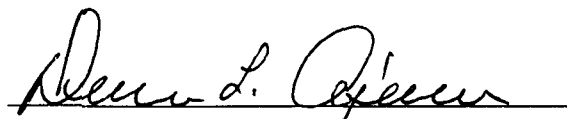
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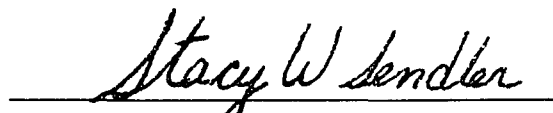
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	26.4	26.2	10.8	0.8%
o-Xylene	27.6	27.3	5.2	1.0%

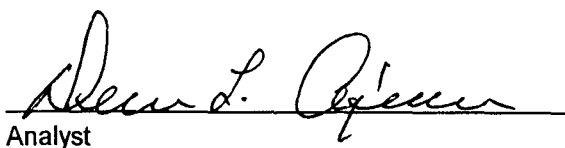
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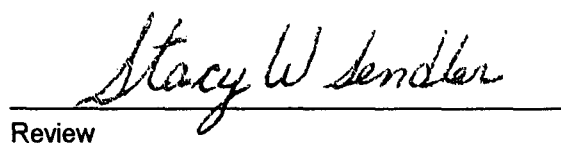
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: B897
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 08-27-97
Date Sampled: N/A
Date Received: N/A
Date Extracted: 08-20-97
Date Analyzed: 08-26-97

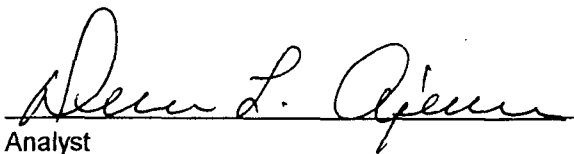
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	ND	50.0	54.6	7.6	98%	32-160
p,m-Xylene	26.4	100	123	10.8	97%	46-148
o-Xylene	27.6	50.0	76.8	5.2	99%	46-148

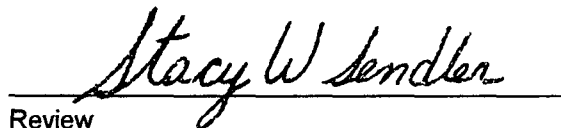
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

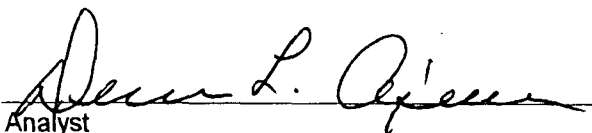
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-28-97
Laboratory Number:	08-27-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-27-97
Condition:	N/A	Analysis Requested:	TPH

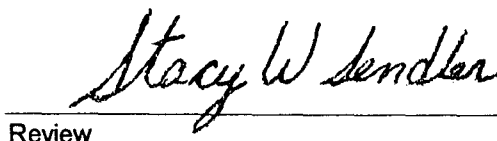
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	TPH

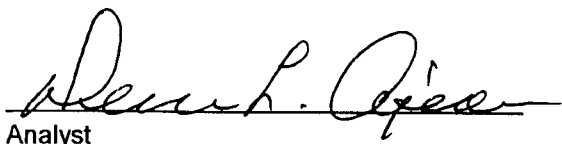
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	4.9	4.9	0.0%
Diesel Range (C10 - C28)	22.7	22.1	2.5%
Total Petroleum Hydrocarbons	27.6	27.0	2.1%

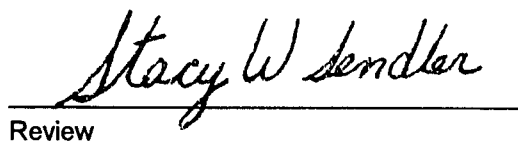
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-27-97
Condition:	N/A		

Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	4.9	250	254	0.2	100%
Diesel Range (C10 - C28)	22.7	250	272	0.1	100%
Total Petroleum Hydrocarbons	27.6	500	526	0.2	100%

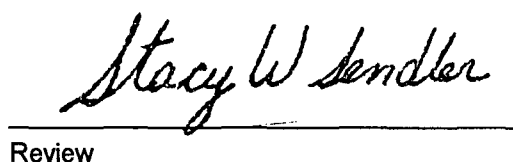
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name Envirotech			Project Location Landfarm 2 Unit 4		ANALYSIS/PARAMETERS				
Sampler (Signature) <i>Christine Baxter</i>			Chain of Custody Tape No. 91020-04						
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks			
Cul H-5	8-20-97	10:30	B897	Soil	1	✓	✓		Closure Samples 5 pt. Composite
Cul H-6		10:40	B898		1	✓	✓		
Cul I-5		10:35	B899		1	✓	✓		
Cul I-6		10:45	B900		1	✓	✓		
Cul J-4		11:00	B901		1	✓	✓		
Cul J-5		11:05	B902		1	✓	✓		
Cul K-4		11:10	B903		1	✓	✓		
Cul K-5		11:15	B904		1	✓	✓		
Relinquished by: (Signature) <i>Christine Baxter</i>					Date	Time	Received By: (Signature) <i>Allen D. Ogden</i>	Date	
Relinquished by: (Signature)									
Relinquished by: (Signature)							Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Date: 1-9-98

RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 2

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG	10-6-95	Jicciella 30 th 13	metu 90576 Superior on July 2.2	36

Sampling Documentation:

H	5	6	7
I		X	X
J		X	X
		X	X

Landfarm # 2 unit 4 Cell(s): J-6

Sample Date: 8-20-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-6	Pass	2.0088	0.0154	7.3

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe
...Marlan\Form\oodms

Date 7/4/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell I - 6	Date Reported:	08-27-97
Laboratory Number:	B900	Date Sampled:	08-20-97
Chain of Custody:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	15.4	5.2
Total BTEX	15.4	

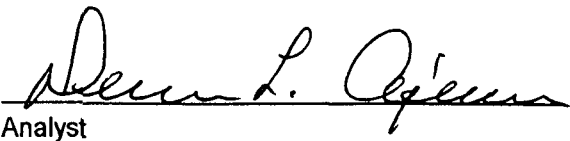
ND - Parameter not detected at the stated detection limit.

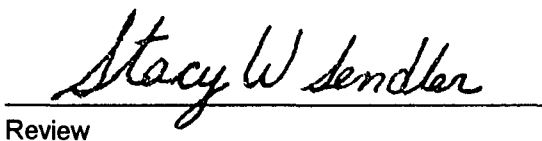
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

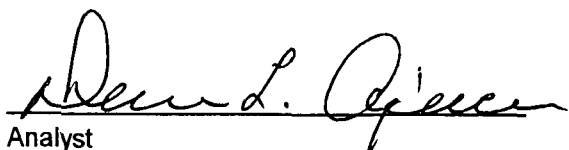
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell I - 6	Date Reported:	08-28-97
Laboratory Number:	B900	Date Sampled:	08-20-97
Chain of Custody No:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

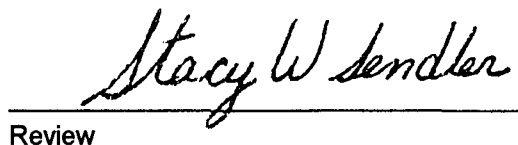
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	6.1	0.2
Diesel Range (C10 - C28)	1.2	0.1
Total Petroleum Hydrocarbons	7.3	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

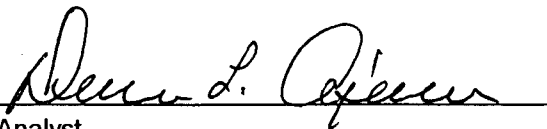
ND - Parameter not detected at the stated detection limit.

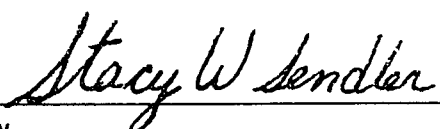
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	26.4	26.2	10.8	0.8%
o-Xylene	27.6	27.3	5.2	1.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
----------------------------	-----------	--------------------

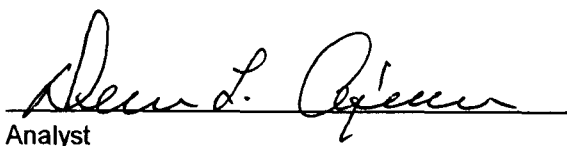
8020 Compounds

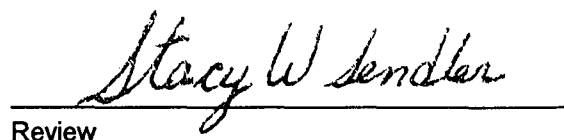
30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool and Intact	Date Analyzed:	08-26-97

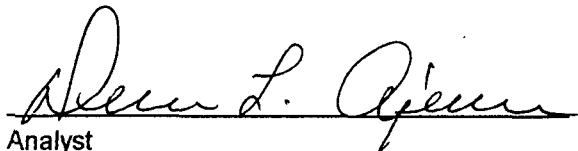
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	ND	50.0	54.6	7.6	98%	32-160
p,m-Xylene	26.4	100	123	10.8	97%	46-148
o-Xylene	27.6	50.0	76.8	5.2	99%	46-148

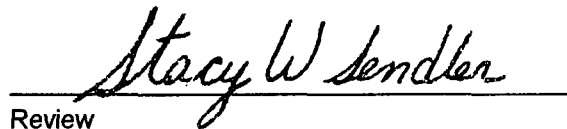
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

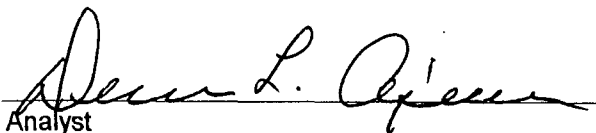
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-28-97
Laboratory Number:	08-27-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-27-97
Condition:	N/A	Analysis Requested:	TPH

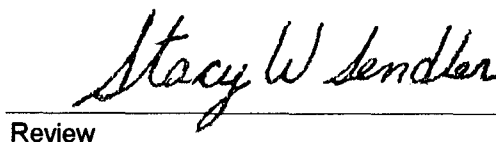
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	TPH

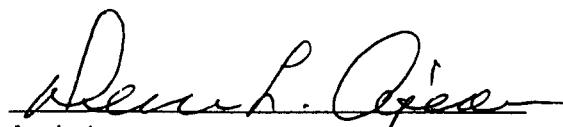
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	4.9	4.9	0.0%
Diesel Range (C10 - C28)	22.7	22.1	2.5%
Total Petroleum Hydrocarbons	27.6	27.0	2.1%

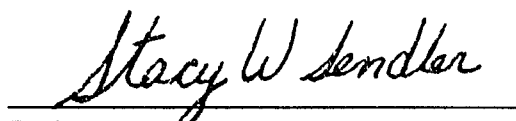
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-27-97
Condition:	N/A		

Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	4.9	250	254	0.2	100%
Diesel Range (C10 - C28)	22.7	250	272	0.1	100%
Total Petroleum Hydrocarbons	27.6	500	526	0.2	100%

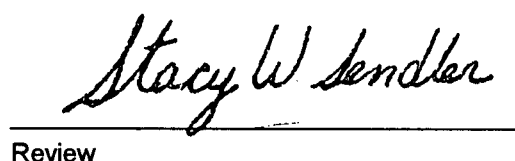
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS					
Sampler: (Signature)			Chain of Custody Tape No.							
Envirotech			Landfarm 2 Unit 4							
Christine Lachar			91020-04							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks				
Core H-5	8-20-97	10:30	B897	Soil	1	✓	✓			
Core H-6		10:40	B898		1	✓	✓			
Core I-5		10:35	B899		1	✓	✓			
Core I-6		10:45	B900		1	✓	✓			
Core J-4		11:00	B901		1	✓	✓			
Core J-5		11:05	B902		1	✓	✓			
Core K-4		11:10	B903		1	✓	✓			
Core K-5		11:15	B904		1	✓	✓			
All samples received cool & intact										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	
Christine Lachar			8-20-97	13:10	Steve D. Caplan			8-20-97	13:10	
Relinquished by: (Signature)					Received by: (Signature)					
Relinquished by: (Signature)					Received by: (Signature)					

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmingington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

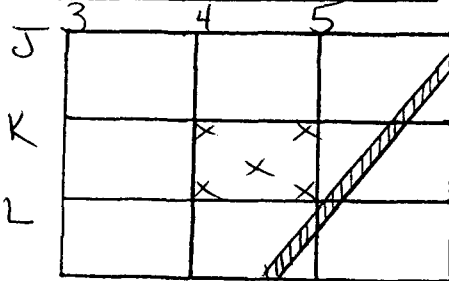
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
SPNG 04047	9-5-95	Timberline 148-35	metn 95942 Separator & Del. 2.1	36
" "	" "	" 148-38	metn 95936 "	90
" "	" "	" 148-32	metn 95927 "	10

Sampling Documentation:



Landfarm # 2 unit 4 Cell(s): K-4
Sample Date: 8-20-97 Sampler: CMW
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell K-4	Pass	2.0088	0.0115	4.0

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 4/4/98

...N:\encl\form\oodms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell K - 4	Date Reported:	08-27-97
Laboratory Number:	B903	Date Sampled:	08-20-97
Chain of Custody:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	11.5	5.2
Total BTEX	11.5	

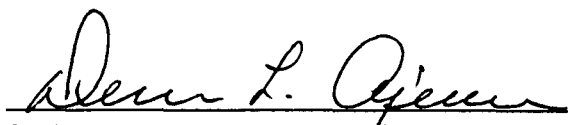
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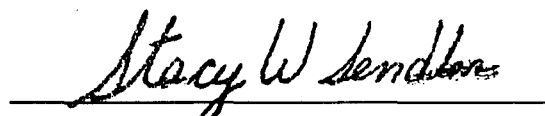
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

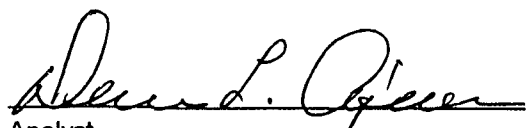
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell K - 4	Date Reported:	08-28-97
Laboratory Number:	B903	Date Sampled:	08-20-97
Chain of Custody No:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

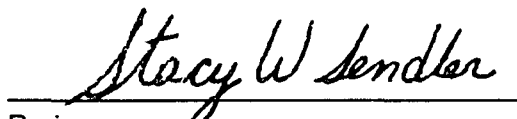
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.4	0.2
Diesel Range (C10 - C28)	0.6	0.1
Total Petroleum Hydrocarbons	4.0	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: **Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

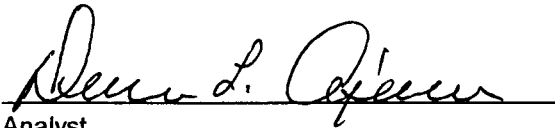
ND - Parameter not detected at the stated detection limit.

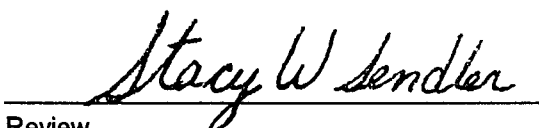
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	26.4	26.2	10.8	0.8%
o-Xylene	27.6	27.3	5.2	1.0%

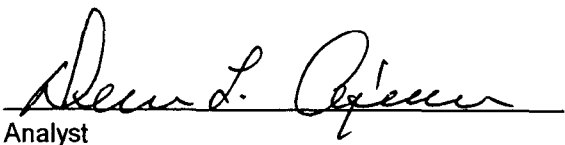
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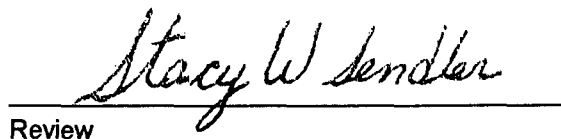
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: B897
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 08-27-97
Date Sampled: N/A
Date Received: N/A
Date Extracted: 08-20-97
Date Analyzed: 08-26-97

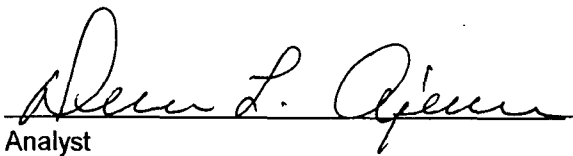
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	ND	50.0	54.6	7.6	98%	32-160
p,m-Xylene	26.4	100	123	10.8	97%	46-148
o-Xylene	27.6	50.0	76.8	5.2	99%	46-148

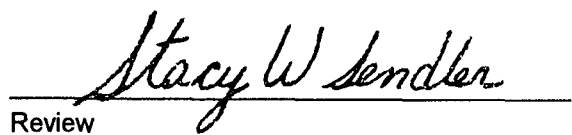
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

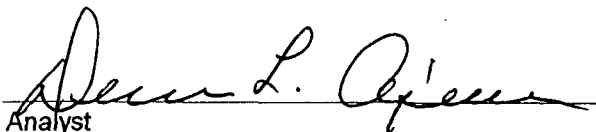
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-28-97
Laboratory Number:	08-27-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-27-97
Condition:	N/A	Analysis Requested:	TPH

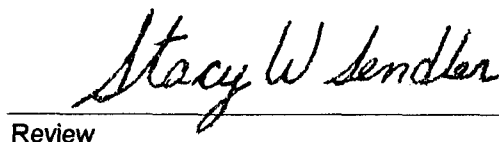
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	TPH

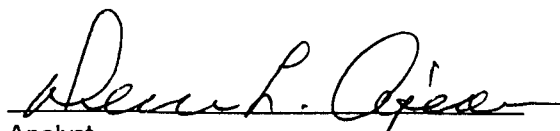
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	4.9	4.9	0.0%
Diesel Range (C10 - C28)	22.7	22.1	2.5%
Total Petroleum Hydrocarbons	27.6	27.0	2.1%

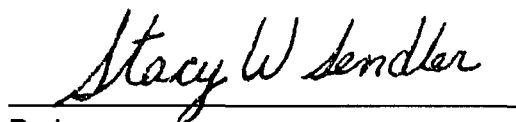
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-27-97
Condition:	N/A		

Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	4.9	250	254	0.2	100%
Diesel Range (C10 - C28)	22.7	250	272	0.1	100%
Total Petroleum Hydrocarbons	27.6	500	526	0.2	100%

ND - Parameter not detected at the stated detection limit.

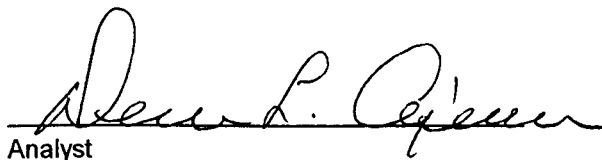
QA/QC Acceptance Criteria:	Parameter	Acceptance Range
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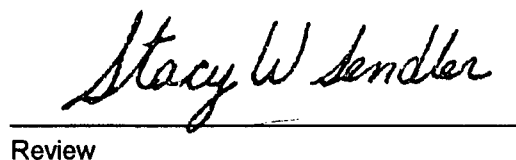
Petroleum Hydrocarbons

75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSIS/PARAMETERS		
Envirotech		Landfarm 2 Unit 4				
Sampler: (Signature)		Chain of Custody Tape No.				
Christine Batten		91020-04				
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks
Cell H-5	8-20-97	10:30	B8971	Soil	1	Closure Samples 5 pt. Composite
Cell H-6		10:40	B8988		1	
Cell I-5		10:35	B8999		1	
Cell I-6		10:45	B8900		1	
Cell J-4		11:00	B9001		1	
Cell J-5		11:05	B9002		1	
Cell K-4		11:10	B9003		1	
Cell K-5		11:15	B9004		1	
Relinquished by: (Signature)			Date	Time	Received By: (Signature)	
Christine Batten			8-20-97	13:10	Steven D. Caplan	8-20-97 13:10
Relinquished by: (Signature)					Received by: (Signature)	
Relinquished by: (Signature)					Received by: (Signature)	

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

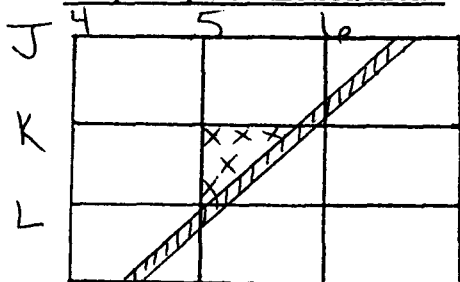
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG	8-27-95	Jicciella C#33	metu 94784 Separator & Aug. pt	72

Sampling Documentation:



Landfarm # 2 Unit 4 Cell(s): K-5

Sample Date: 8-20-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell K-5	Pass	4.0087	0.0083	40.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Monty J. Kil-* _____

Date 4/4/98

...Narciso\form\ooddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell K - 5	Date Reported:	08-27-97
Laboratory Number:	B904	Date Sampled:	08-20-97
Chain of Custody:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.7
Toluene	ND	8.3
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	8.3	5.2
Total BTEX	8.3	

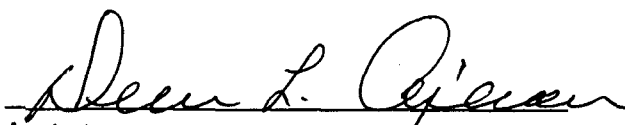
ND - Parameter not detected at the stated detection limit.

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

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

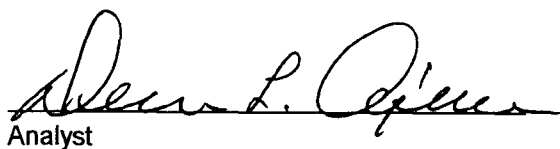
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell K - 5	Date Reported:	08-28-97
Laboratory Number:	B904	Date Sampled:	08-20-97
Chain of Custody No:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

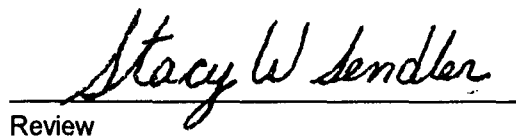
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: **Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

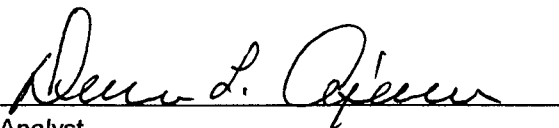
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	26.4	26.2	10.8	0.8%
o-Xylene	27.6	27.3	5.2	1.0%

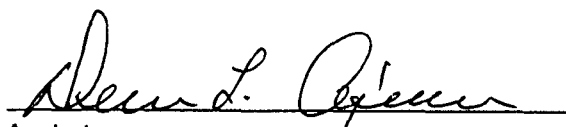
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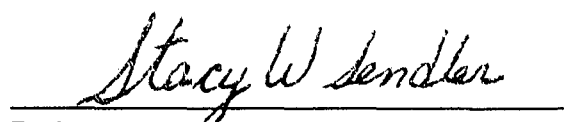
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool and Intact	Date Analyzed:	08-26-97

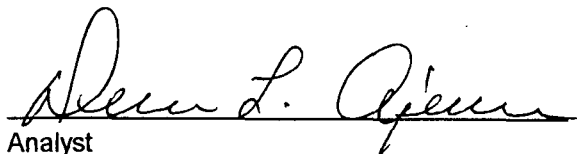
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	ND	50.0	54.6	7.6	98%	32-160
p,m-Xylene	26.4	100	123	10.8	97%	46-148
o-Xylene	27.6	50.0	76.8	5.2	99%	46-148

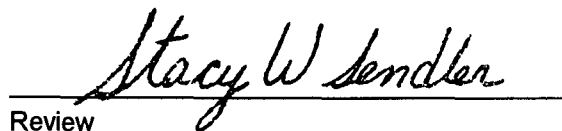
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

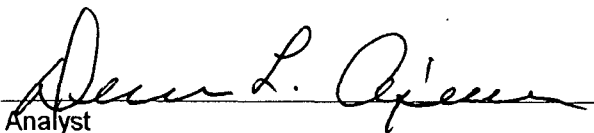
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-28-97
Laboratory Number:	08-27-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-27-97
Condition:	N/A	Analysis Requested:	TPH

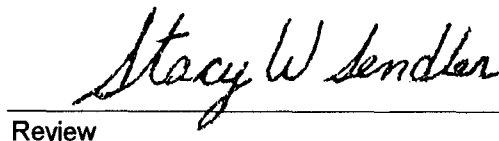
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	TPH

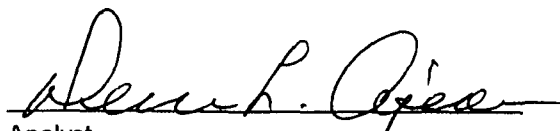
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	4.9	4.9	0.0%
Diesel Range (C10 - C28)	22.7	22.1	2.5%
Total Petroleum Hydrocarbons	27.6	27.0	2.1%

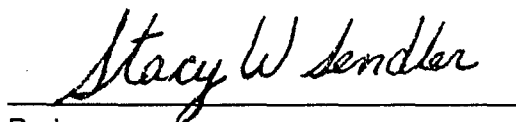
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Hydrocarbons
Total Petroleum Hydrocarbons
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-27-97
Condition:	N/A		

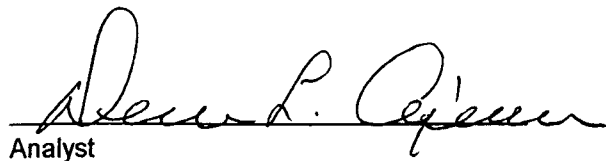
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	4.9	250	254	0.2	100%
Diesel Range (C10 - C28)	22.7	250	272	0.1	100%
Total Petroleum Hydrocarbons	27.6	500	526	0.2	100%

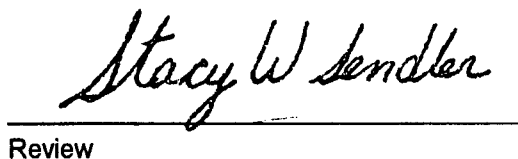
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSIS/PARAMETERS			
Envirotech		Landfarm 2 Unit 4					
Sampler: (Signature)		Chain of Custody Tape No.					
Christine Lattin		91000-04					
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks	
Cell H-5	8-20-97	10:30	B8971	Soil	1	✓	Closure Samples 5 qt. Composite
Cell H-6		10:40	B8988		1	✓	
Cell I-5		10:35	B8999		1	✓	
Cell I-6		10:45	B8000		1	✓	
Cell J-4		11:00	B9001		1	✓	
Cell J-5		11:05	B9002		1	✓	
Cell K-4		11:10	B9003		1	✓	
Cell K-5		11:15	B9004		1	✓	
All samples received cool & intact							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Christine Lattin		8-20-97	13:10	Steven D. Caplan		8-20-97	13:10
Relinquished by: (Signature)				Received by: (Signature)			
Relinquished by: (Signature)				Received by: (Signature)			

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Date: 1-9-98
RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG 04047	9-5-95	Ticcielle 350 th	met 94555 Separating oil from P.L.	
" "	"	" 35-1	met 906570	
" "	"	" 148-33	met 95928	

Sampling Documentation:

	3	4	5
I			
J		X	X
K		X	X

Landfarm # 2 Unit 4 Cell(s): J-4
Sample Date: 8-20-97 Sampler: CMW
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-4	Pass	2.0087	0.0668	4.0

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____

Date 4/4/98

...Marlas\Fom\ooddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell J - 4	Date Reported:	08-27-97
Laboratory Number:	B901	Date Sampled:	08-20-97
Chain of Custody:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.7
Toluene	ND	8.3
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	66.8	5.2
Total BTEX	66.8	

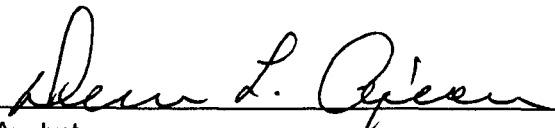
ND - Parameter not detected at the stated detection limit.

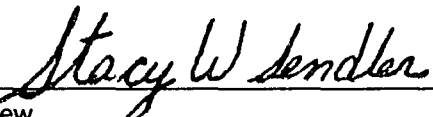
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

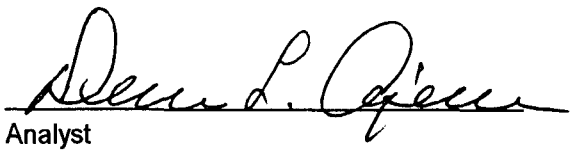
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell J - 4	Date Reported:	08-28-97
Laboratory Number:	B901	Date Sampled:	08-20-97
Chain of Custody No:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

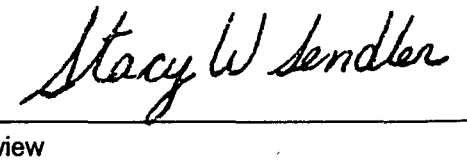
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.0	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	4.0	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

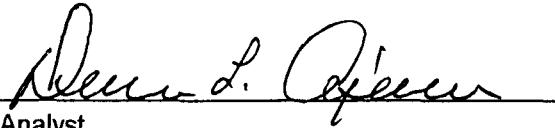
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	26.4	26.2	10.8	0.8%
o-Xylene	27.6	27.3	5.2	1.0%

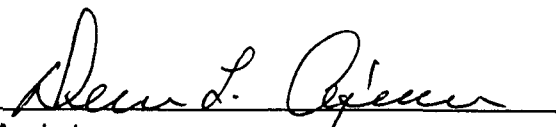
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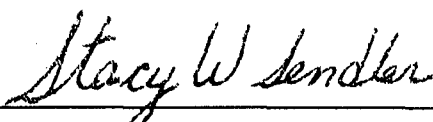
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool and Intact	Date Analyzed:	08-26-97

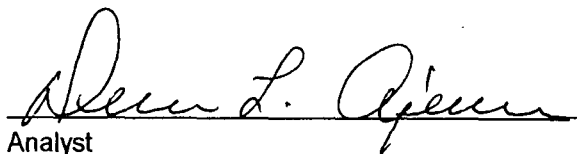
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	ND	50.0	54.6	7.6	98%	32-160
p,m-Xylene	26.4	100	123	10.8	97%	46-148
o-Xylene	27.6	50.0	76.8	5.2	99%	46-148

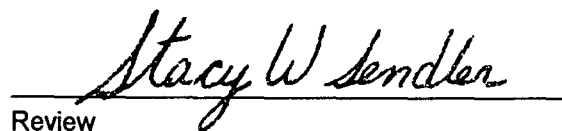
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

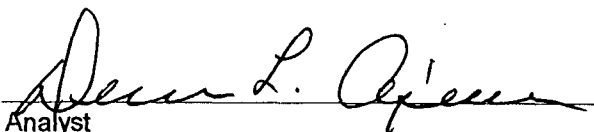
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-28-97
Laboratory Number:	08-27-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-27-97
Condition:	N/A	Analysis Requested:	TPH

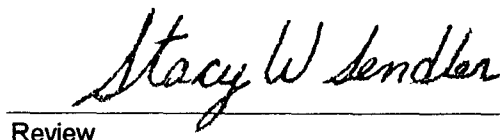
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	TPH

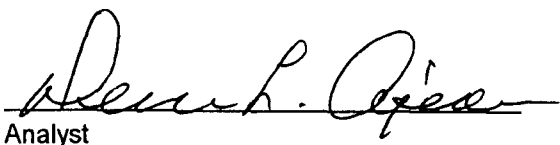
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	4.9	4.9	0.0%
Diesel Range (C10 - C28)	22.7	22.1	2.5%
Total Petroleum Hydrocarbons	27.6	27.0	2.1%

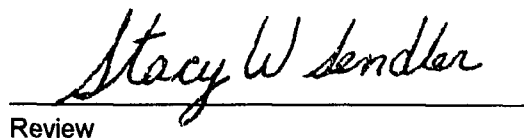
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-27-97
Condition:	N/A		

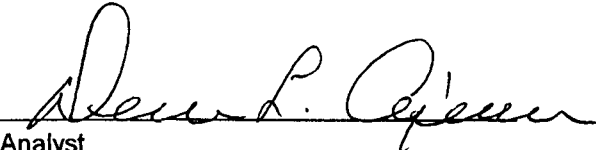
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	4.9	250	254	0.2	100%
Diesel Range (C10 - C28)	22.7	250	272	0.1	100%
Total Petroleum Hydrocarbons	27.6	500	526	0.2	100%

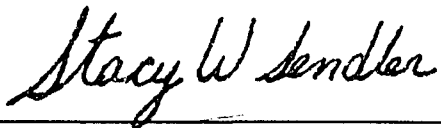
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSIS/PARAMETERS										
Sampler: (Signature)		Chain of Custody Tape No.												
Envirotech		Landfarm 2 Unit 4												
Christine Lattin		91020-04												
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTX			5/108			Remarks		
Cul H-5	8-20-97	10:30	B897	Soil	1	✓	✓							Closure Samples 5 pt. Composite
Cul H-6		10:40	B898		1	✓	✓							
Cul I-5		10:35	B899		1	✓	✓							
Cul I-6		10:45	B900		1	✓	✓							
Cul J-4		11:00	B901		1	✓	✓							
Cul J-5		11:05	B902		1	✓	✓							
Cul K-4		11:10	B903		1	✓	✓							
Cul K-5		11:15	B904		1	✓	✓							
Relinquished by: (Signature)				Date	Time	Received by: (Signature)		All samples received cool & intact						
Christine Lattin				8-20-97	13:10	Alex D. Caplan		8-20-97 13:10						
Relinquished by: (Signature)				Received by: (Signature)										
Relinquished by: (Signature)				Received by: (Signature)										

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

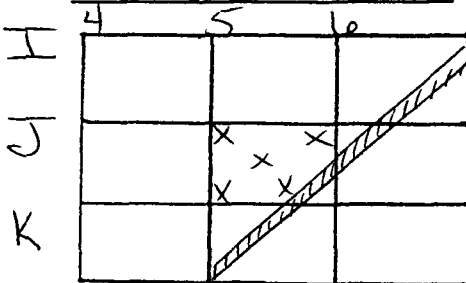
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
SPWGS 04047	9-5-95	Jiccinella 148-18	meter 93423 Separator & oil pit	54
"	"	" 35-1	meter 94057	18
"	"	" C# 148-25	meter 94057	18
"	"	" 35-D#1	meter 94555	18

Sampling Documentation:



Landfarm # 2 unit 4 Cell(s): J-5
Sample Date: 8-20-97 Sampler: CMW
Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-5	Pass	4.0087	0.0221	3.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Montoya* _____
...Harclos\Form\ooddms

Date 4/14/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell J - 5	Date Reported:	08-27-97
Laboratory Number:	B902	Date Sampled:	08-20-97
Chain of Custody:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.7
Toluene	ND	8.3
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	22.1	5.2
Total BTEX	22.1	

ND - Parameter not detected at the stated detection limit.

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

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

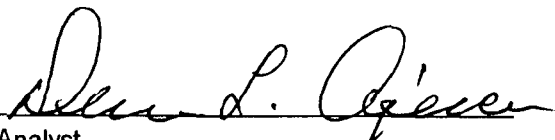
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell J - 5	Date Reported:	08-28-97
Laboratory Number:	B902	Date Sampled:	08-20-97
Chain of Custody No:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

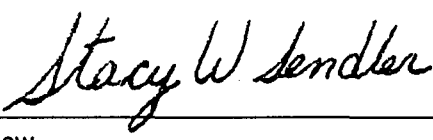
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	3.5	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

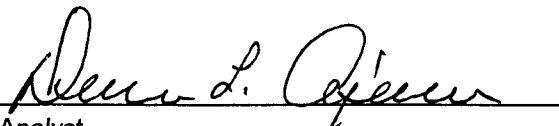
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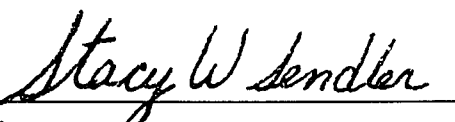
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	26.4	26.2	10.8	0.8%
o-Xylene	27.6	27.3	5.2	1.0%

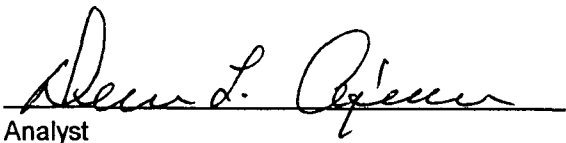
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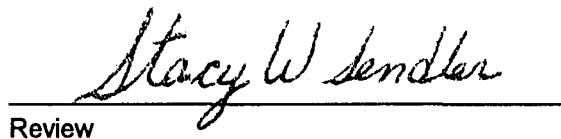
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool and Intact	Date Analyzed:	08-26-97

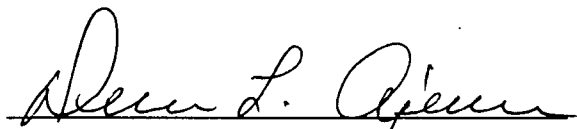
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	ND	50.0	54.6	7.6	98%	32-160
p,m-Xylene	26.4	100	123	10.8	97%	46-148
o-Xylene	27.6	50.0	76.8	5.2	99%	46-148

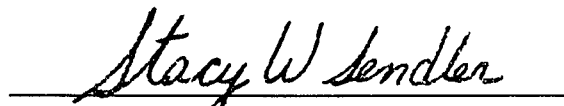
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

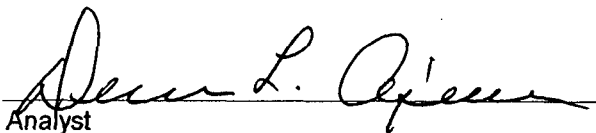
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-28-97
Laboratory Number:	08-27-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-27-97
Condition:	N/A	Analysis Requested:	TPH

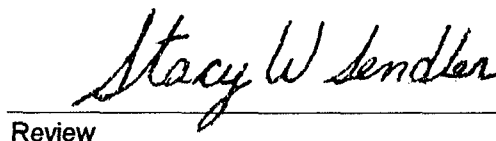
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	TPH

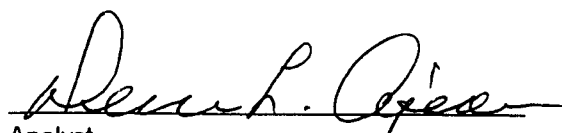
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	4.9	4.9	0.0%
Diesel Range (C10 - C28)	22.7	22.1	2.5%
Total Petroleum Hydrocarbons	27.6	27.0	2.1%

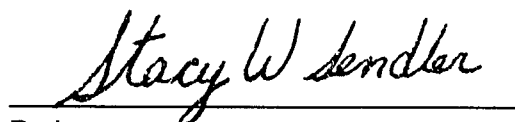
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-27-97
Condition:	N/A		

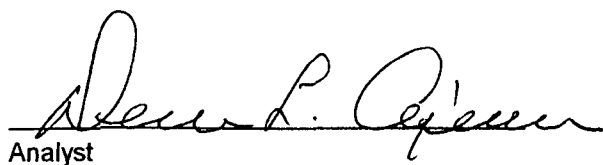
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	4.9	250	254	0.2	100%
Diesel Range (C10 - C28)	22.7	250	272	0.1	100%
Total Petroleum Hydrocarbons	27.6	500	526	0.2	100%

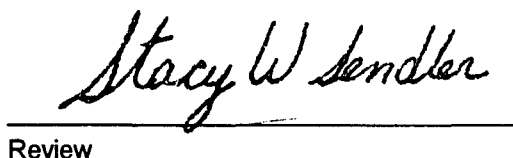
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSIS/PARAMETERS													
Sampler: (Signature)		Chain of Custody Tape No.		Sample Identification		Sample Date		Sample Time		Lab Number		Sample Matrix		No. of Containers		Remarks	
Envirotech		Landfarm 2 Unit 4		Christina Lacton		91080-04											
Sample No./ Identification		Sample Date		Sample Time		Lab Number		Sample Matrix		No. of Containers		BTEX		5015		Closure Samples 5 pt. Composite	
Cul H-5		8-20-97		10:30		B897		Soil		1		✓		✓			
Cul H-6				10:40		B898				1		✓		✓			
Cul I-5				10:35		B899				1		✓		✓			
Cul I-6				10:45		B900				1		✓		✓			
Cul J-4				11:00		B901				1		✓		✓			
Cul J-5				11:05		B902				1		✓		✓			
Cul K-4				11:10		B903				1		✓		✓			
Cul K-5				11:15		B904				1		✓		✓			
Relinquished by: (Signature)		Date		Time		Received By: (Signature)		Date		Time		Received By: (Signature)		Date		Time	
Christina Lacton		8-20-97		13:10		All samples received cool & intact		8-20-97		13:10		Devin D. Caplan		8-20-97		13:10	
Relinquished by: (Signature)		Date		Time		Received By: (Signature)		Date		Time		Received By: (Signature)		Date		Time	

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG	10-4-95	Canyon #3 Ticciulla media	separator on oil pit meth 94510	
"	"	" Canyon #5	" meth 93593	
"	10-5-95	" Lat. 2C68	Line Dip 020	
Arco Pipeline 90125	1-24-96 1-30-96			

Sampling Documentation:

	4	5	6
G			
H		X	X
I		X	X

Landfarm # 2 unit 4 Cell(s): H-5

Sample Date: 8-20-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX,TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-5	Pass	2.0088	0.054	27.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec

Date

NMOCD Santa Fe

Date

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell H - 5	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	08-20-97
Chain of Custody:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Analyzed:	08-26-97
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	26.4	10.8
o-Xylene	27.6	5.2
Total BTEX	54.0	

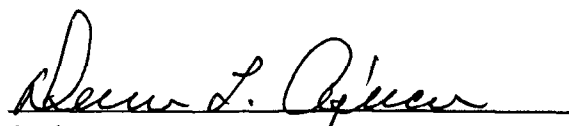
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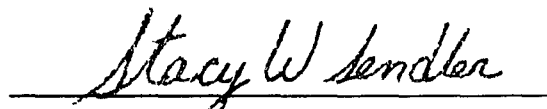
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

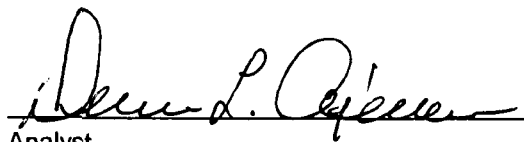
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell H - 5	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	08-20-97
Chain of Custody No:	5359	Date Received:	08-20-97
Sample Matrix:	Soil	Date Extracted:	08-20-97
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

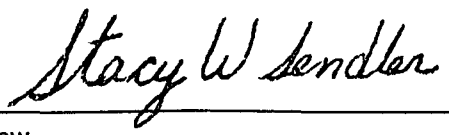
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.9	0.2
Diesel Range (C10 - C28)	22.7	0.1
Total Petroleum Hydrocarbons	27.6	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2 Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-27-97
Laboratory Number:	08-26-PM-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-26-97
Condition:	N/A	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

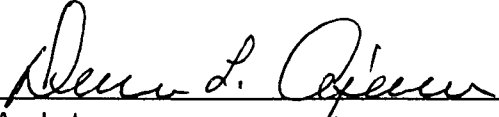
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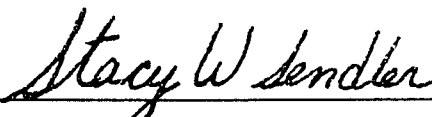
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	ND	ND	8.4	0.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	26.4	26.2	10.8	0.8%
o-Xylene	27.6	27.3	5.2	1.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
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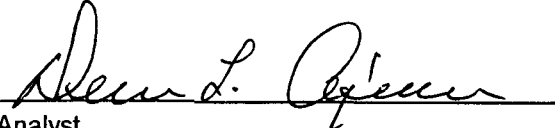
8020 Compounds

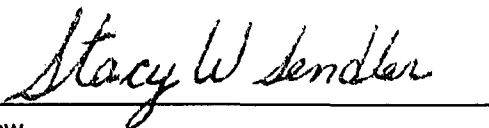
30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-27-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-20-97
Condition:	Cool and Intact	Date Analyzed:	08-26-97

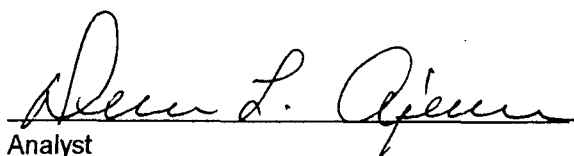
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	ND	50.0	48.6	8.4	97%	46-148
Ethylbenzene	ND	50.0	54.6	7.6	98%	32-160
p,m-Xylene	26.4	100	123	10.8	97%	46-148
o-Xylene	27.6	50.0	76.8	5.2	99%	46-148

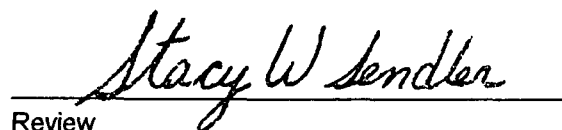
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

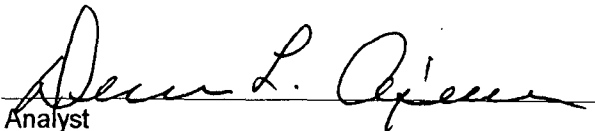
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-28-97
Laboratory Number:	08-27-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-27-97
Condition:	N/A	Analysis Requested:	TPH

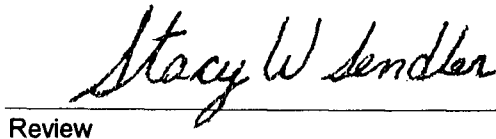
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	08-27-97
Condition:	Cool and Intact	Analysis Requested:	TPH

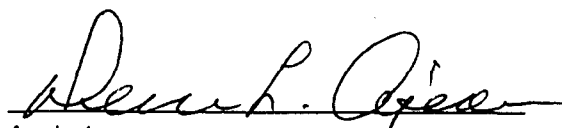
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	4.9	4.9	0.0%
Diesel Range (C10 - C28)	22.7	22.1	2.5%
Total Petroleum Hydrocarbons	27.6	27.0	2.1%

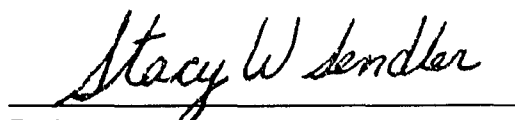
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-28-97
Laboratory Number:	B897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	08-27-97
Condition:	N/A		

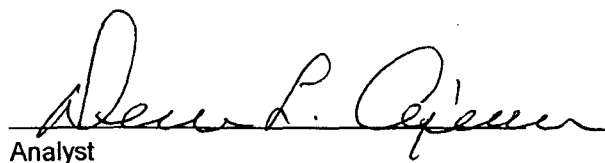
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	4.9	250	254	0.2	100%
Diesel Range (C10 - C28)	22.7	250	272	0.1	100%
Total Petroleum Hydrocarbons	27.6	500	526	0.2	100%

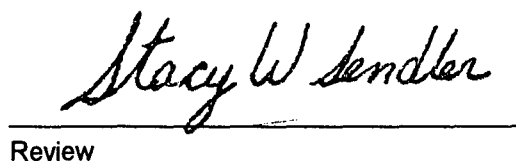
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QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples B897 - B904.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS										
Sampler: (Signature)			Chain of Custody Tape No.												
Christina Llatas			91020-04												
Sample Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers					Remarks					
Cell H-5	8-20-97	10:30	B897	Soil	1	✓	✓				Closure Samples 5 pt. Composite				
Cell H-6		10:40	B898		1	✓	✓								
Cell I-5		10:35	B899		1	✓	✓								
Cell I-6		10:45	B900		1	✓	✓								
Cell J-4		11:00	B901		1	✓	✓								
Cell J-5		11:05	B902		1	✓	✓								
Cell K-4		11:10	B903		1	✓	✓								
Cell K-5		11:15	B904		1	✓	✓								
Relinquished by: (Signature)					All samples received cool & intact										
Christina Llatas					Date	8-20-97	Time	13:10	Received by: (Signature)			Date	8-20-97	Time	13:10
Relinquished by: (Signature)					Received by: (Signature)										
Relinquished by: (Signature)					Received by: (Signature)										

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

RECEIVED
Date: 12-31-97
FEB - 4 1998

OIL CON. DIV.
DIST. 3

Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG	10-6-97	Ticciella 11B	meter 74861 Separator on Deck P.E.	112

Sampling Documentation:

	6	7	8
F			
G		X	X
H		X	X

Landfarm # 2 Unit 4 Cell(s): G-7

Sample Date: 9-29-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-7	Pass	<0.0088	0.0765	5.5

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe _____
...Hacian/Form/ooddms

Date 4/21/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell G - 7	Date Reported:	10-02-97
Laboratory Number:	C185	Date Sampled:	09-29-97
Chain of Custody:	5499	Date Received:	09-29-97
Sample Matrix:	Soil	Date Analyzed:	10-01-97
Preservative:	Cool	Date Extracted:	09-30-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	16.2	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	38.9	10.8
o-Xylene	21.4	5.2
Total BTEX	76.5	

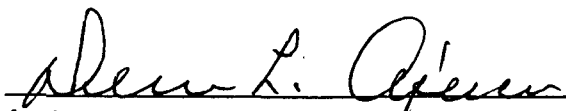
ND - Parameter not detected at the stated detection limit.

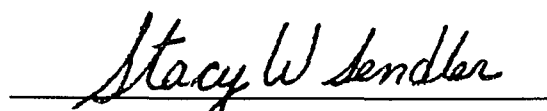
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2, Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

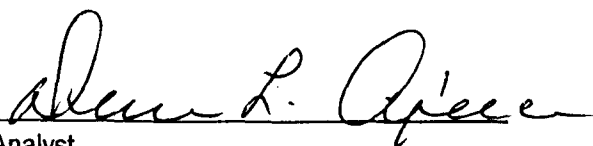
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell G - 7	Date Reported:	10-02-97
Laboratory Number:	C185	Date Sampled:	09-29-97
Chain of Custody No:	5499	Date Received:	09-29-97
Sample Matrix:	Soil	Date Extracted:	09-30-97
Preservative:	Cool	Date Analyzed:	10-01-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

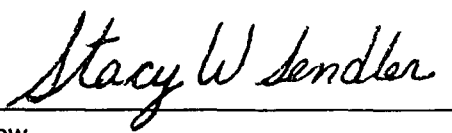
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	5.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	5.5	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2, Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-02-97
Laboratory Number:	10-01-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-01-97
Condition:	N/A	Analysis Requested:	BTEX

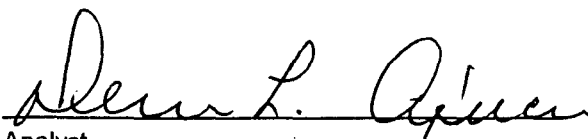
Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

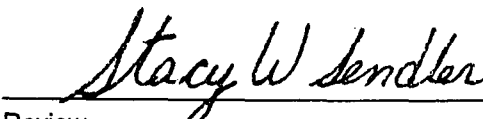
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
USEPA, Sept. 1994.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-02-97
Laboratory Number:	C182	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	10-01-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	11.0	10.8	8.4	1.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	18.1	17.9	10.8	0.8%
o-Xylene	10.9	10.8	5.2	1.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
----------------------------	-----------	--------------------

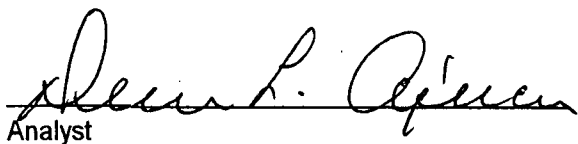
8020 Compounds

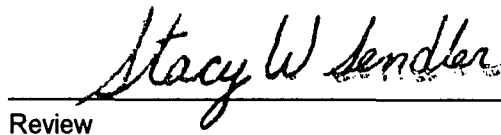
30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	10-02-97
Laboratory Number:	C182	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	09-30-97
Condition:	Cool and Intact	Date Analyzed:	10-01-97

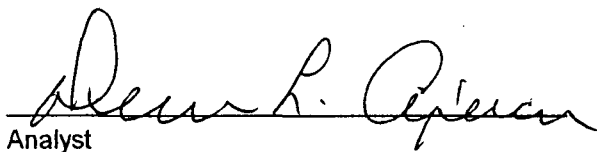
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	11.0	50.0	59.6	8.4	98%	46-148
Ethylbenzene	ND	50.0	55.6	7.6	98%	32-160
p,m-Xylene	18.1	100	115	10.8	97%	46-148
o-Xylene	10.9	50.0	60.0	5.2	99%	46-148

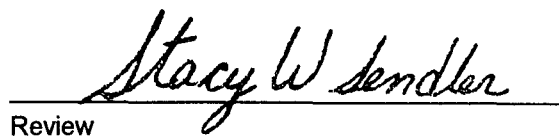
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

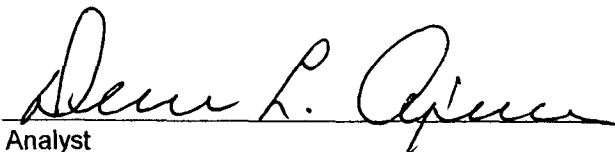
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-02-97
Laboratory Number:	10-01-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-01-97
Condition:	N/A	Analysis Requested:	TPH

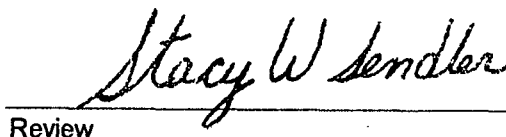
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-02-97
Laboratory Number:	C182	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	10-01-97
Condition:	Cool and Intact	Analysis Requested:	TPH

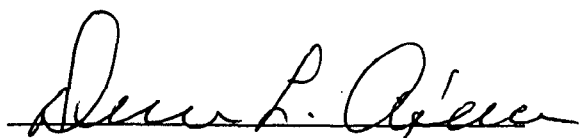
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	2.1	2.1	0.0%
Diesel Range (C10 - C28)	132	128	2.5%
Total Petroleum Hydrocarbons	134	130	2.5%

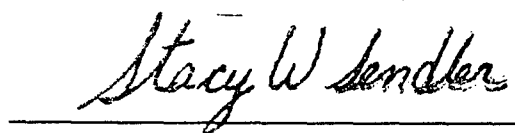
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	10-02-97
Laboratory Number:	C182	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	10-01-97
Condition:	N/A		

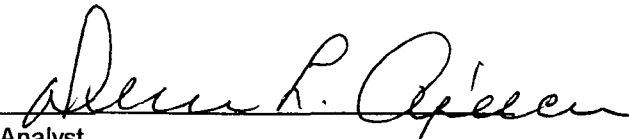
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	2.1	250	251	0.2	100%
Diesel Range (C10 - C28)	132	250	379	0.1	99%
Total Petroleum Hydrocarbons	134	500	630	0.2	100%

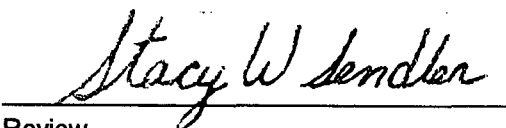
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location			ANALYSIS/PARAMETERS						
Sampler (Signature)			Chain of Custody Tape No.									
<i>Phu Tuan Voets</i> Sample No./ Identification Sample Date Sample Time			Lab Number			Sample Matrix			No. of Containers			
Cell E-8			9-29-97	14:10	C182	Soil			1	✓	✓	Closure Samples 5 pt. Composite
Cell F-8				13:30	C183				1	✓	✓	
Cell F-9				14:30	C184				1	✓	✓	
Cell G-8				13:50	C185				1	✓	✓	
Cell G-8				13:30	C186				1	✓	✓	
Cell H-7				13:40	C187				1	✓	✓	
Cell I-7				14:40	C188				1	✓	✓	
Cell N-1				14:50	C189				1	✓	✓	
All samples received and analyzed.												
Relinquished by: (Signature)			Date			Time			Received by: (Signature)			
<i>Phu Tuan Voets</i>			9-29-97			15:50			<i>Allen L. O'Brien</i>			
Relinquished by: (Signature)			Date			Time			Received by: (Signature)			
Relinquished by: (Signature)			Date			Time			Received by: (Signature)			

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRactical SOLUTIONS FOR A BETTER TOMORROW

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

Date: 12-31-97

RECEIVED
FEB - 4 1998

OIL CON. DIV.
DIST. 3

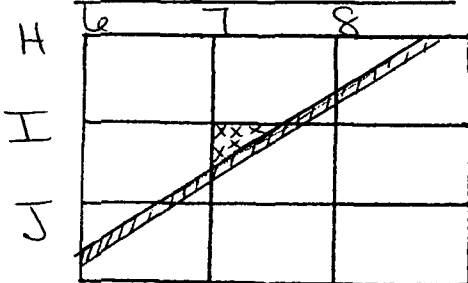
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
EPNG	8-25-98	Jiccinilla #3E	meter 74381 Separator or Del. P.T.	10
"	"	" C-17 PC	" meter 72782	36
"	"	" #10 PC	" meter 89201	84

Sampling Documentation:



Landfarm # 2 Unit 4 Cell(s): I-7

Sample Date: 9-29-97 Sampler: CMW

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell I-7	Pass	4.0088	0.0096	40.2

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe
...Nacian\Form\ooddas

Date 4/4/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell I - 7	Date Reported:	10-02-97
Laboratory Number:	C188	Date Sampled:	09-29-97
Chain of Custody:	5499	Date Received:	09-29-97
Sample Matrix:	Soil	Date Analyzed:	10-01-97
Preservative:	Cool	Date Extracted:	09-30-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	9.6	5.2
Total BTEX	9.6	

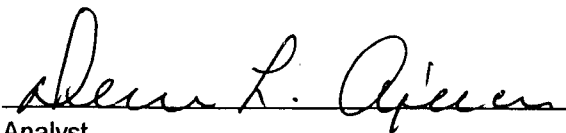
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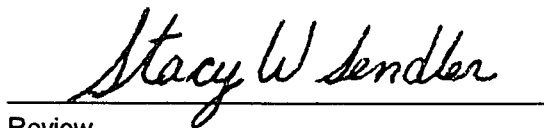
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2, Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

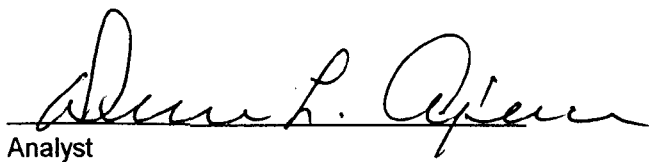
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell I - 7	Date Reported:	10-02-97
Laboratory Number:	C188	Date Sampled:	09-29-97
Chain of Custody No:	5499	Date Received:	09-29-97
Sample Matrix:	Soil	Date Extracted:	09-30-97
Preservative:	Cool	Date Analyzed:	10-01-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

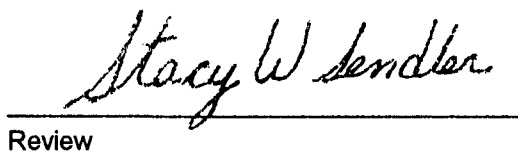
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2, Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-02-97
Laboratory Number:	10-01-BTEX.BLANK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-01-97
Condition:	N/A	Analysis Requested:	BTEX

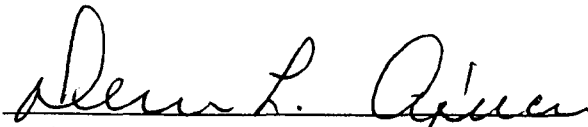
Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
p,m-Xylene	ND	0.2
o-Xylene	ND	0.1

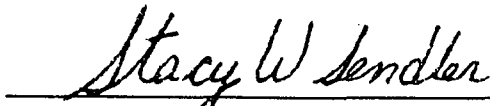
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
USEPA, Sept. 1994.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-02-97
Laboratory Number:	C182	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	10-01-97
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Benzene	ND	ND	8.8	0.0%
Toluene	11.0	10.8	8.4	1.0%
Ethylbenzene	ND	ND	7.6	0.0%
p,m-Xylene	18.1	17.9	10.8	0.8%
o-Xylene	10.9	10.8	5.2	1.0%

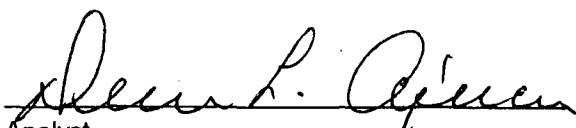
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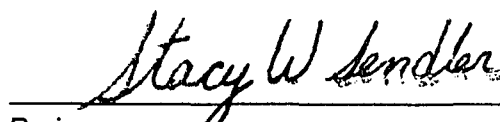
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8020 Compounds	30 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	10-02-97
Laboratory Number:	C182	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	09-30-97
Condition:	Cool and Intact	Date Analyzed:	10-01-97

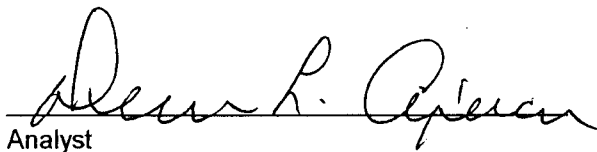
Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Benzene	ND	50.0	49.3	8.8	99%	39-150
Toluene	11.0	50.0	59.6	8.4	98%	46-148
Ethylbenzene	ND	50.0	55.6	7.6	98%	32-160
p,m-Xylene	18.1	100	115	10.8	97%	46-148
o-Xylene	10.9	50.0	60.0	5.2	99%	46-148

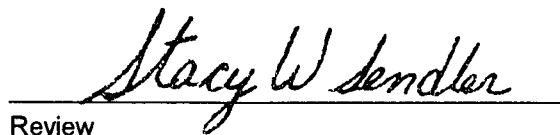
ND - Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organic Total Petroleum Hydrocarbons

Quality Assurance Report

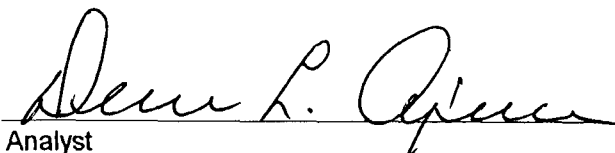
Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-02-97
Laboratory Number:	10-01-TPH.BLANK	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-01-97
Condition:	N/A	Analysis Requested:	TPH

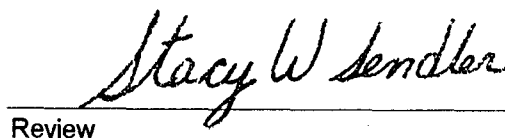
Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-02-97
Laboratory Number:	C182	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	10-01-97
Condition:	Cool and Intact	Analysis Requested:	TPH

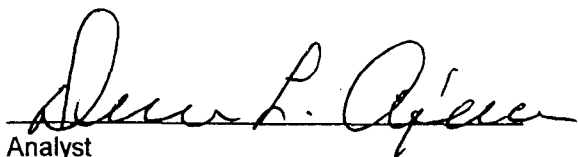
Parameter	Sample Result (mg/Kg)	Duplicate Result (mg/Kg)	Percent Difference
Gasoline Range (C5 - C10)	2.1	2.1	0.0%
Diesel Range (C10 - C28)	132	128	2.5%
Total Petroleum Hydrocarbons	134	130	2.5%

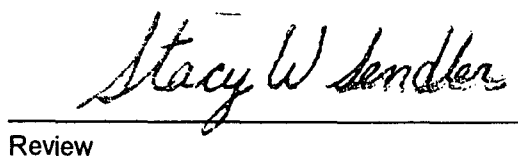
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Max Difference
	Petroleum Hydrocarbons	30%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Hydrocarbons Total Petroleum Hydrocarbons Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	10-02-97
Laboratory Number:	C182	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TPH	Date Analyzed:	10-01-97
Condition:	N/A		

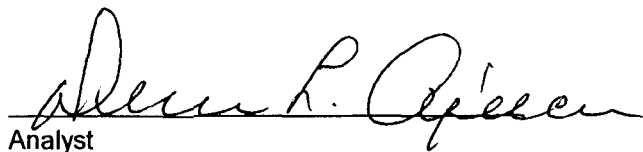
Parameter	Sample Result (mg/kg)	Spike Added (mg/kg)	Spiked Sample Result (mg/kg)	Det. Limit (mg/kg)	Percent Recovery
Gasoline Range (C5 - C10)	2.1	250	251	0.2	100%
Diesel Range (C10 - C28)	132	250	379	0.1	99%
Total Petroleum Hydrocarbons	134	500	630	0.2	100%

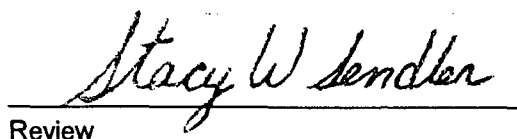
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range
	Petroleum Hydrocarbons	75 - 125%

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: QA/QC for samples C182 - C189.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS					
Sampler (Signature)			Chain of Custody Tape No.							
Sample No./ Identification			Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks		
Envirotech			Landburn 2 Unit 4							
Munton Bates			91020-04							
Cell E-8	9-29-97	14:10	C182	Soil	1	✓	✓			Closure Samples 5 pt. Composite
Cell F-8		13:30	C183		1	✓	✓			
Cell F-9		14:30	C184		1	✓	✓			
Cell G-8		13:50	C185		1	✓	✓			
Cell G-8		13:30	C186		1	✓	✓			
Cell H-7		13:40	C187		1	✓	✓			
Cell T-7		14:40	C188		1	✓	✓			
Cell N-1		14:50	C189		1	✓	✓			
All Samples received cool & intact										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	
Munton Bates			9-29-97	15:50	Adam L. O'Brien			9-29-97	15:50	
Relinquished by: (Signature)					Received by: (Signature)					
Relinquished by: (Signature)					Received by: (Signature)					

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Date: 12-31-97
RECEIVED
FEB - 4 1998
OIL CON. DIV.
DIST. 3

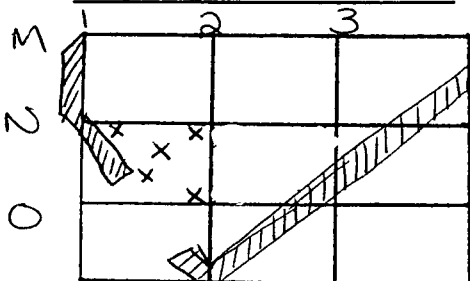
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd ³
SPNG	8-21-95	Lat. 2C-29	Line Drop 10015	140
"	"	Jicciello lot-8	Separator on Ref pit	20

Sampling Documentation:



Landfarm # 2 unit 4 Cell(s): N-1

Sample Date: 9-29-97 Sampler: CMW

Type: 5 Point Composite Analysis Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-1	Pass	4.0087	0.0062	3.6

Respectfully submitted,
Envirotech Inc.

Christine M. Walters
Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____

Date _____

NMOCD Santa Fe *Matthew J. Kelly* _____

Date 4/4/98

...Marlan\form\ooddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell N - 1	Date Reported:	10-02-97
Laboratory Number:	C189	Date Sampled:	09-29-97
Chain of Custody:	5499	Date Received:	09-29-97
Sample Matrix:	Soil	Date Analyzed:	10-01-97
Preservative:	Cool	Date Extracted:	09-30-97
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.7
Toluene	ND	8.3
Ethylbenzene	ND	7.6
p,m-Xylene	ND	10.8
o-Xylene	6.2	5.2
Total BTEX	6.2	

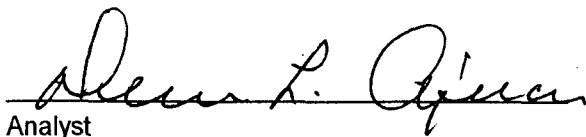
ND - Parameter not detected at the stated detection limit.

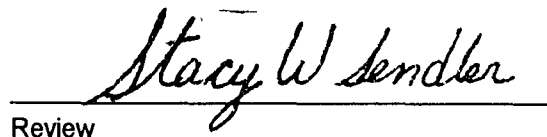
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Landfarm 2, Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

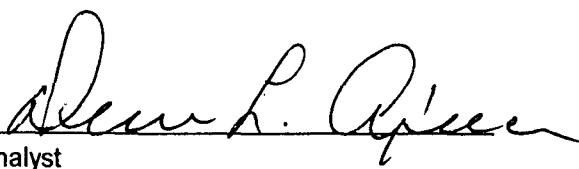
Client:	Envirotech	Project #:	91020-04
Sample ID:	Cell N - 1	Date Reported:	10-02-97
Laboratory Number:	C189	Date Sampled:	09-29-97
Chain of Custody No:	5499	Date Received:	09-29-97
Sample Matrix:	Soil	Date Extracted:	09-30-97
Preservative:	Cool	Date Analyzed:	10-01-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

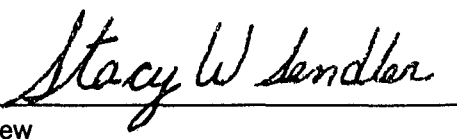
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.6	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	3.6	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Landfarm 2, Unit 4 Closure Sample. 5 Pt. Composite.


Analyst


Review