NM1 - 11

PART 4 of 4

MONITORING REPORTS

YEAR(S):

2006-1993

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

January 13, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. Z-559-573-259

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

RE: Review of Analytical Data for Discontinued Maintenance Status, Landfarm #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) data packets dated November 17, 1999 requesting discontinued maintenance status. Based on the information provided the following Main (NE) Cells of Landfarm # 2 are hereby **approved** for discontinued maintenance status:

Landfarm #2 Main (NE) Cells

Cell N-13	Cell O--9	Cell O-14	Cell P-12	Cell Q-15
Cell N-14	Cell O-10	Cell O-15	Cell P-13	Cell R-12
Cell N-15	Cell O-11	Cell O-16	Cell P-14	Cell R-15
Cell N-16	Cell O-12	Cell P-9	Cell P-15	Cell R-16
Cell O-8	Cell O-13	Cell P-11	Cell P-16	Cell R-17

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.

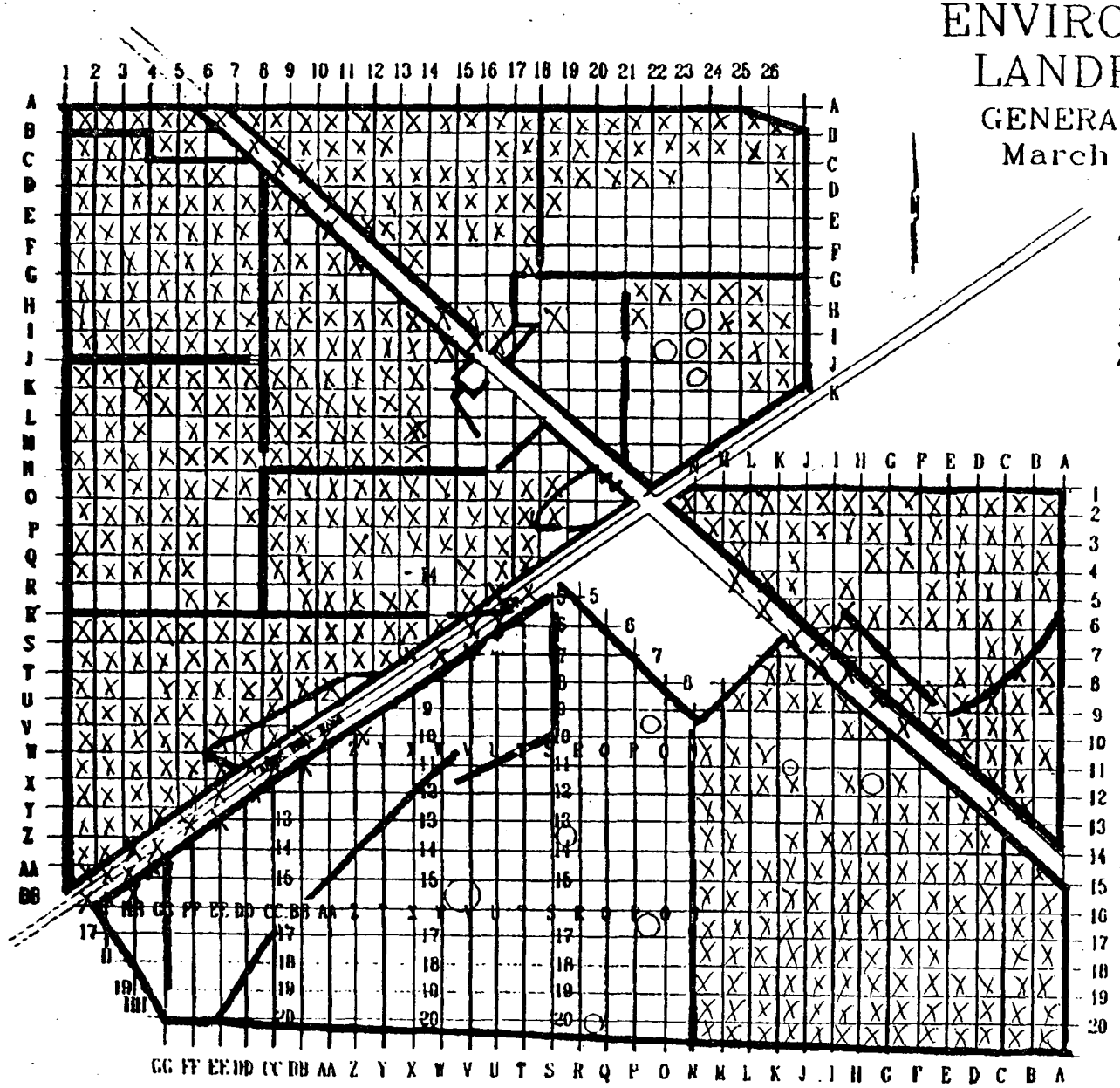
Sincerely,

Martyne J. Kieling
Environmental Geologist

xc: OCD Aztec Office

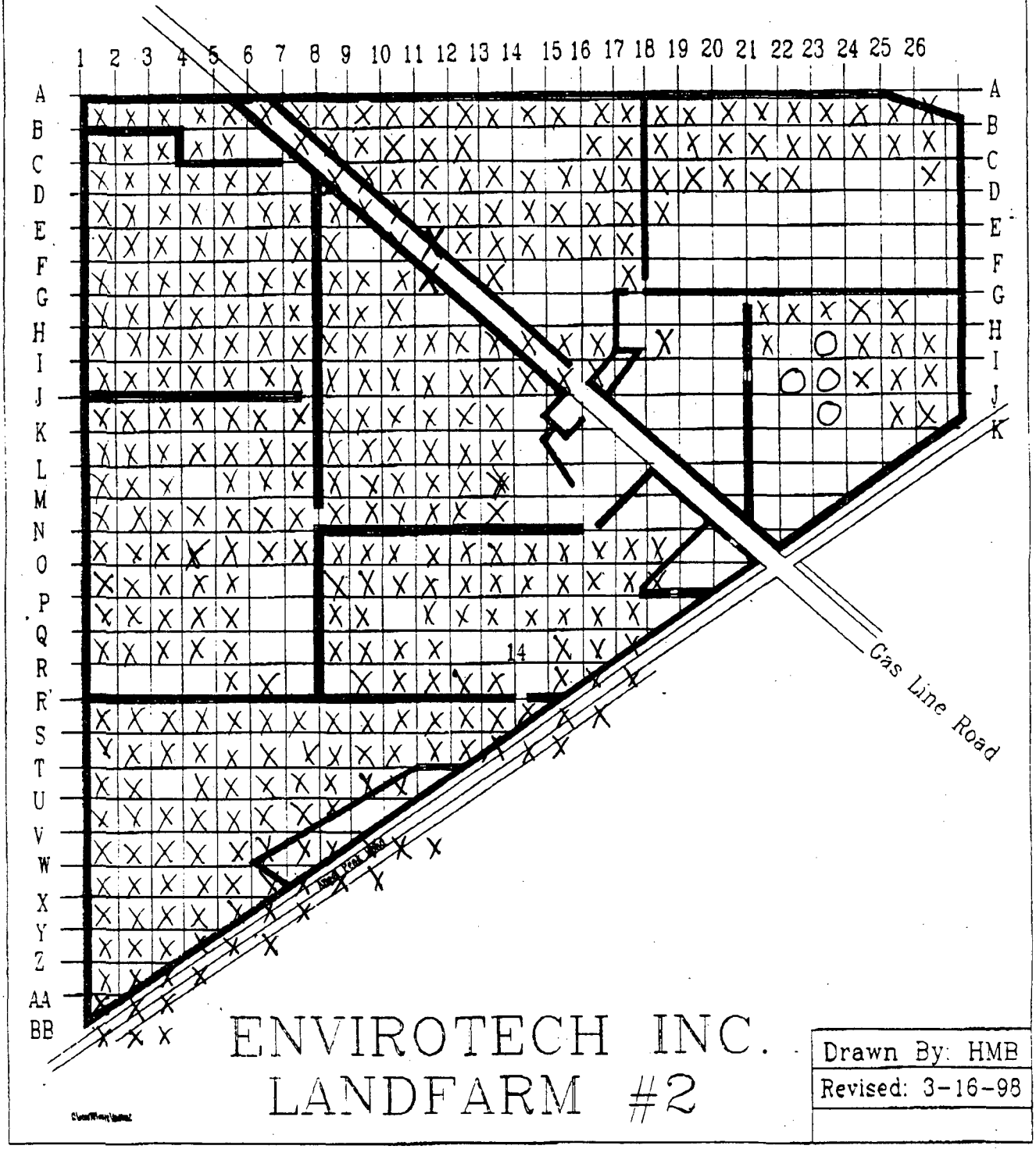
5056321865 YOUNGENVIRONMENTAL 634 P02 APR 17 '98 10:54

ENVIROTECH INC.
LANDFARM #2
GENERAL SITE MAP
March 16, 1998



X Approved 1996 February 7, June 3
X Approved 1997 April
X Approved 1998 April 17
X Approved 1999 NOVEMBER 18
X Approved 2000 JANUARY 13

X Approved 1996 February 7, June 3
X Approved 1997 April
X Approved 1998 April 17
X Approved 1999 NOVEMBER 18
X Approved 2000 January 13



ENVIROTECH INC.
LANDFARM #2

Drawn By: HMB
Revised: 3-16-98

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JAN 12 2000
OIL CONSERVATION DIVISION

November 29, 1999

Ms. Martyne J. Kieling
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Ms. Kieling

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

Cells:

A-14, A-15, A-16, A-17, A-18, A-19 and A-20

B-14, B-15, B-16, B-17, B-18, B-19 and B-20

C-13, C-14, C-15, C-16, C-18, C-19 and C-20

D-12, D-13, D-14, D-15, D-16, D-18, D-19 and D-20

E-12, E-13, E-14, E-15, E-16, E-17, E-18 and E-20

F-11, F-12, F-13, F-14, F-15, F-16, F-17, F-18, F-19 and F-20

G-9, G-12, G-13, G-14, G-15, G-16, G-17, G-18, G-19 and G-20

H-8, H-9, H-11, H-13, H-14, H-15, H-16, H-17, H-18, H-19 and H-20

I-7, I-8, I-12, I-13, I-14, I-15, I-16, I-17, I-18, I-19 and I-20

J-7, J-8, J-11, J-13, J-14, J-15, J-16, J-17, J-18, J-19 and J-20

K-7, K-8, K-10, K-11, K-14, K-15, K-16, K-17, K-18, K-19 and K-20

L-8, L-10, L-11, L-12, L-13, L-14, L-15, L-16, L-17, L-18, L-19 and L-20

M-10, M-11, M-12, M-13, M-14, M-15, M-16, M-17, M-18, M-19 and M-20

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

The approval sheets, dated 6/04/99, 6/07/99, 8/11/99, 8/23/99 8/25/99 and 9/07/99, for these cell has already been sent to your office awaiting DMS clearance.

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

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

CMW/cmw

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JAN 12 2000
OIL CONSERVATION DIVISION

November 29, 1999

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

Dear Mr. Foust

Envirotech, Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soil contained in the following cell located within the Envirotech Soil Remediation Facility (ESRF), Landfarm # 2 Unit 4, Hilltop, New Mexico.

Cells:

E-8, F-3, K-1, K-2, and J-1

The approval sheets, dated 6/02/99, for these cell has already been sent to your office awaiting DMS clearance.

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

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

CMW/cmw

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
JAN 12 2000
OIL CONSERVATION DIVISION

November 29, 1999

Ms. Martyne J. Kieling
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Ms. Kieling

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

Cells:

H-18

T-9 and T-10

V-6, V-7, V-8, V-9, V-10 and V-11

W-6, W-7, W-8 and W-9

X-5, X-6 and X-7

Y-5 and Y-6

The approval sheets, dated 6/4/99, for these cell has already been sent to your office awaiting DMS clearance.

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

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

CMW/cmw

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

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

November 18, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. P-326-936-666

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

RE: Review of Analytical Data for Discontinued Maintenance Status, Landfarm #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) data packets submitted on November 16, 1999 concerning the request for discontinued maintenance status. Based on the information provided the following Main (NE), Unit 5 and Unit 4 cells of Landfarm # 2 are hereby **approved** for discontinued maintenance status:

Landfarm #2 Main (NE) Cells

Cell H-18	Cell V-8	Cell W-6	Cell X-5
Cell T-9	Cell V-9	Cell W-7	Cell X-6
Cell T-10	Cell V-10	Cell W-8	Cell X-7
Cell V-6	Cell V-11	Cell W-9	Cell Y-5
Cell V-7			Cell Y-6

Landfarm # 2 Unit 5

Cell A-14	Cell B-17	Cell C-20	Cell E-13
Cell A-15	Cell B-18	Cell D-12	Cell E-14
Cell A-16	Cell B-19	Cell D-13	Cell E-15
Cell A-17	Cell B-20	Cell D-14	Cell E-16
Cell A-18	Cell C-13	Cell D-15	Cell E -17
Cell A-19	Cell C-14	Cell D-16	Cell E-18
Cell A-20	Cell C-15	Cell D-18	Cell E-20
Cell B-14	Cell C-16	Cell D-19	Cell F-11
Cell B-15	Cell C-18	Cell D-20	Cell F-12
Cell B-16	Cell C-19	Cell E-12	Cell F-13

Cell F-14	Cell H-15	Cell J-15	Cell L-14
Cell F-15	Cell H-16	Cell J-16	Cell L-15
Cell F-16	Cell H-17	Cell J-17	Cell L-16
Cell F-17	Cell H-18	Cell J-18	Cell L-17
Cell F-18	Cell H-19	Cell J-19	Cell L-18
Cell F-19	Cell H-20	Cell J-20	Cell L-19
Cell F-20	Cell I-7	Cell K-7	Cell L-20
Cell G-9	Cell I-8	Cell K-8	Cell M-10
Cell G-12	Cell I-12	Cell K-10	Cell M-11
Cell G-13	Cell I-13	Cell K-11	Cell M-12
Cell G-14	Cell I-14	Cell K-14	Cell M-13
Cell G-15	Cell I-15	Cell K-15	Cell M-14
Cell G-16	Cell I-16	Cell K-16	Cell M-15
Cell G-17	Cell I-17	Cell K-17	Cell M-16
Cell G-18	Cell I-18	Cell K-18	Cell M-17
Cell G-19	Cell I-19	Cell K-19	Cell M-18
Cell G-20	Cell I-20	Cell K-20	Cell M-19
Cell H-8	Cell J-7	Cell L-8	Cell M-20
Cell H-9	Cell J-8	Cell L-10	
Cell H-11	Cell J-11	Cell L-11	
Cell H-13	Cell J-13	Cell L-12	
Cell H-14	Cell J-14	Cell L-13	

Landfarm #2 Unit 4

Cell E-8	Cell-J	Cell K-1	Cell K-2
Cell F-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.

The following cell data packets for Landfarm #2 were incomplete and could not be evaluated. The OCD is returning the incomplete data packets. Please review the enclosed data packets and resubmit when completed. Discontinued maintenance status is hereby **denied** for the following cells:

Landfarm #2 Unit 5

Cell F-10	Cell I-9	Cell J-10	Cell M-9
Cell G-10	Cell I-10	Cell K-9	
Cell H-10	Cell J-9	Cell L-9	

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. Kieling
Environmental Geologist

xc: OCD Aztec Office

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

November 18, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. P-326-936-666

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

RE: Review of Analytical Data for Discontinued Maintenance Status, Landfarm #2
NW 1/4, of Section 6, Twn. 26 North, Rng. 10 West, NMPM
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Dear Mr. Young:

The New Mexico Oil Conservation Division (OCD) has received Envirotech Inc.'s (Envirotech) data packets submitted on November 16, 1999 concerning the request for discontinued maintenance status. Based on the information provided the following Main (NE), Unit 5 and Unit 4 cells of Landfarm # 2 are hereby **approved** for discontinued maintenance status:

Landfarm #2 Main (NE) Cells

Cell H-18	Cell V-8	Cell W-6	Cell X-5
Cell T-9	Cell V-9	Cell W-7	Cell X-6
Cell T-10	Cell V-10	Cell W-8	Cell X-7
Cell V-6	Cell V-11	Cell W-9	Cell Y-5
Cell V-7			Cell Y-6

Landfarm # 2 Unit 5

Cell A-14	Cell B-17	Cell C-20	Cell E-13
Cell A-15	Cell B-18	Cell D-12	Cell E-14
Cell A-16	Cell B-19	Cell D-13	Cell E-15
Cell A-17	Cell B-20	Cell D-14	Cell E-16
Cell A-18	Cell C-13	Cell D-15	Cell E -17
Cell A-19	Cell C-14	Cell D-16	Cell E-18
Cell A-20	Cell C-15	Cell D-18	Cell E-20
Cell B-14	Cell C-16	Cell D-19	Cell F-11
Cell B-15	Cell C-18	Cell D-20	Cell F-12
Cell B-16	Cell C-19	Cell E-12	Cell F-13

Cell F-14	Cell H-15	Cell J-15	Cell L-14
Cell F-15	Cell H-16	Cell J-16	Cell L-15
Cell F-16	Cell H-17	Cell J-17	Cell L-16
Cell F-17	Cell H-18	Cell J-18	Cell L-17
Cell F-18	Cell H-19	Cell J-19	Cell L-18
Cell F-19	Cell H-20	Cell J-20	Cell L-19
Cell F-20	Cell I-7	Cell K-7	Cell L-20
Cell G-9	Cell I-8	Cell K-8	Cell M-10
Cell G-12	Cell I-12	Cell K-10	Cell M-11
Cell G-13	Cell I-13	Cell K-11	Cell M-12
Cell G-14	Cell I-14	Cell K-14	Cell M-13
Cell G-15	Cell I-15	Cell K-15	Cell M-14
Cell G-16	Cell I-16	Cell K-16	Cell M-15
Cell G-17	Cell I-17	Cell K-17	Cell M-16
Cell G-18	Cell I-18	Cell K-18	Cell M-17
Cell G-19	Cell I-19	Cell K-19	Cell M-18
Cell G-20	Cell I-20	Cell K-20	Cell M-19
Cell H-8	Cell J-7	Cell L-8	Cell M-20
Cell H-9	Cell J-8	Cell L-10	
Cell H-11	Cell J-11	Cell L-11	
Cell H-13	Cell J-13	Cell L-12	
Cell H-14	Cell J-14	Cell L-13	

Landfarm #2 Unit 4

Cell E-8	Cell-J	Cell K-1	Cell K-2
Cell F-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.

The following cell data packets for Landfarm #2 were incomplete and could not be evaluated. The OCD is returning the incomplete data packets. Please review the enclosed data packets and resubmit when completed. Discontinued maintenance status is hereby **denied** for the following cells:

Landfarm #2 Unit 5

Cell F-10	Cell I-9	Cell J-10	Cell M-9
Cell G-10	Cell I-10	Cell K-9	
Cell H-10	Cell J-9	Cell L-9	

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

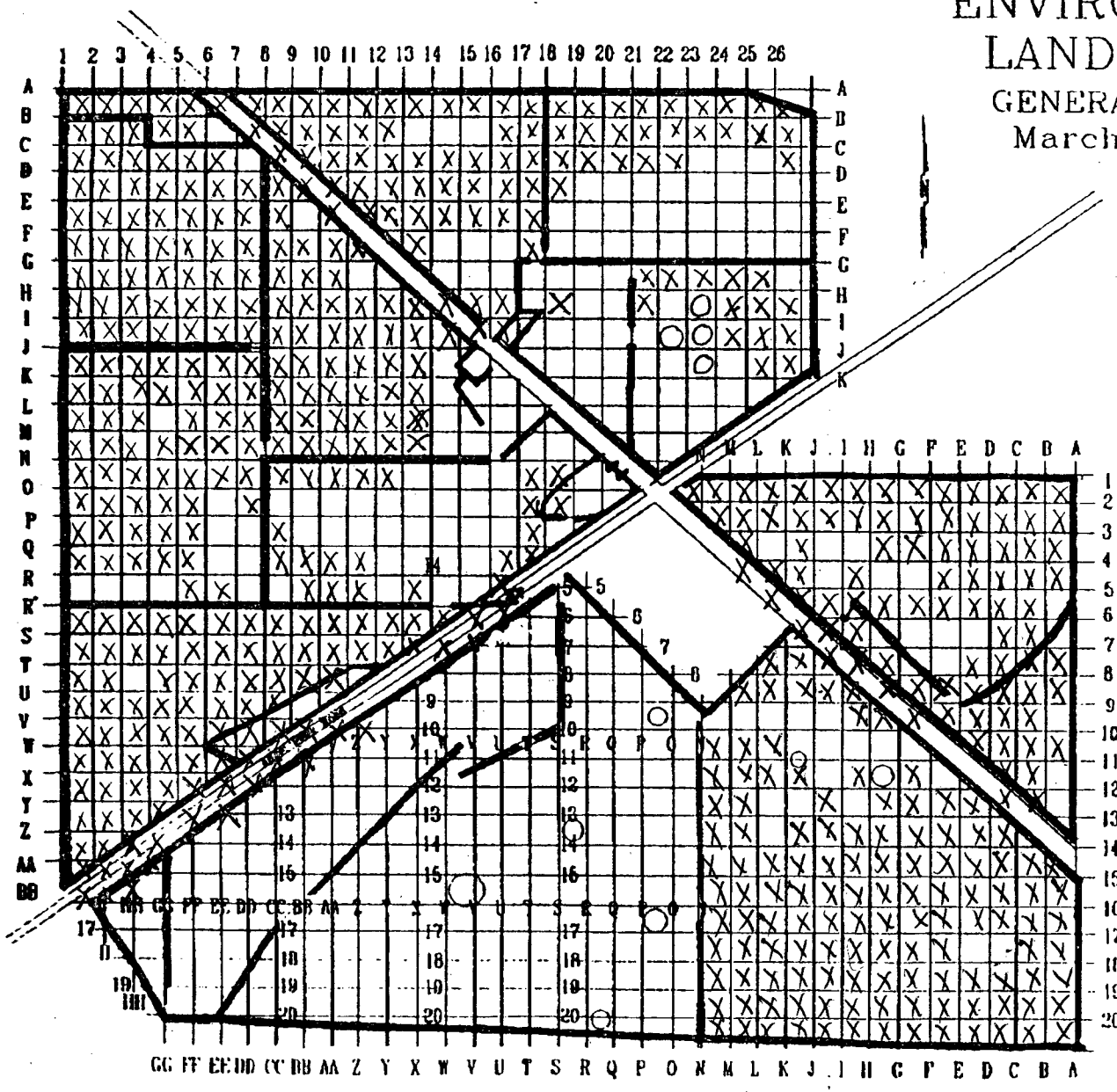
Sincerely,

Martyne J. Kieling
Environmental Geologist

xc: OCD Aztec Office

5056321865 YOUNGENVIRONMENTAL 634 P02 APR 17 '98 10:54

ENVIROTECH INC.
LANDFARM #2
GENERAL SITE MAP
March 16, 1998

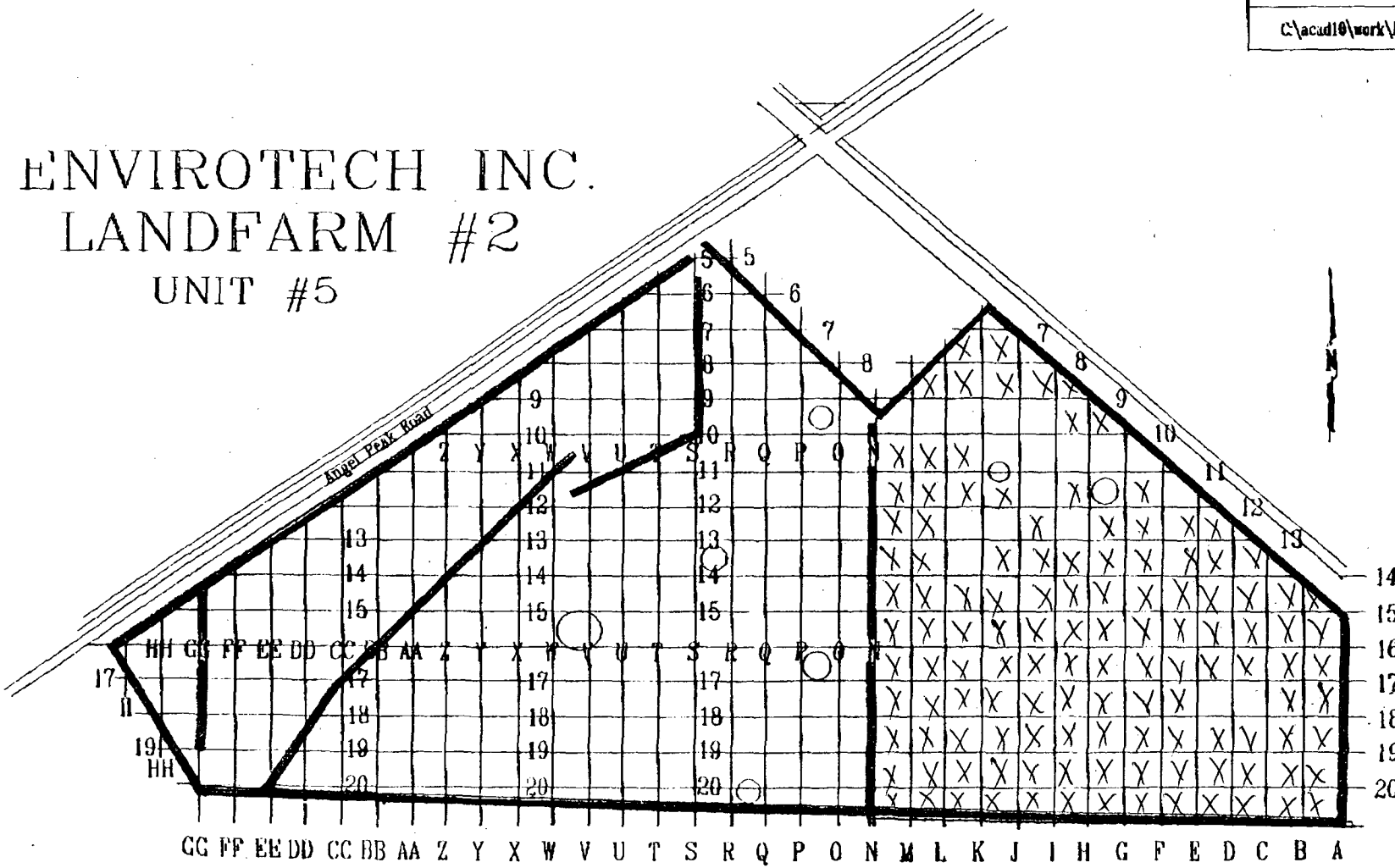


X Approved 1996 February 7; June 3
X Approved 1997 April
X Approved 1998 April 17
X Approved 1999 NOVEMBER 18

X Approved 1999 NOVEMBER 18

Drawn By: HMB
Revised: 3-16-98
C:\acad10\work\lf2unit5

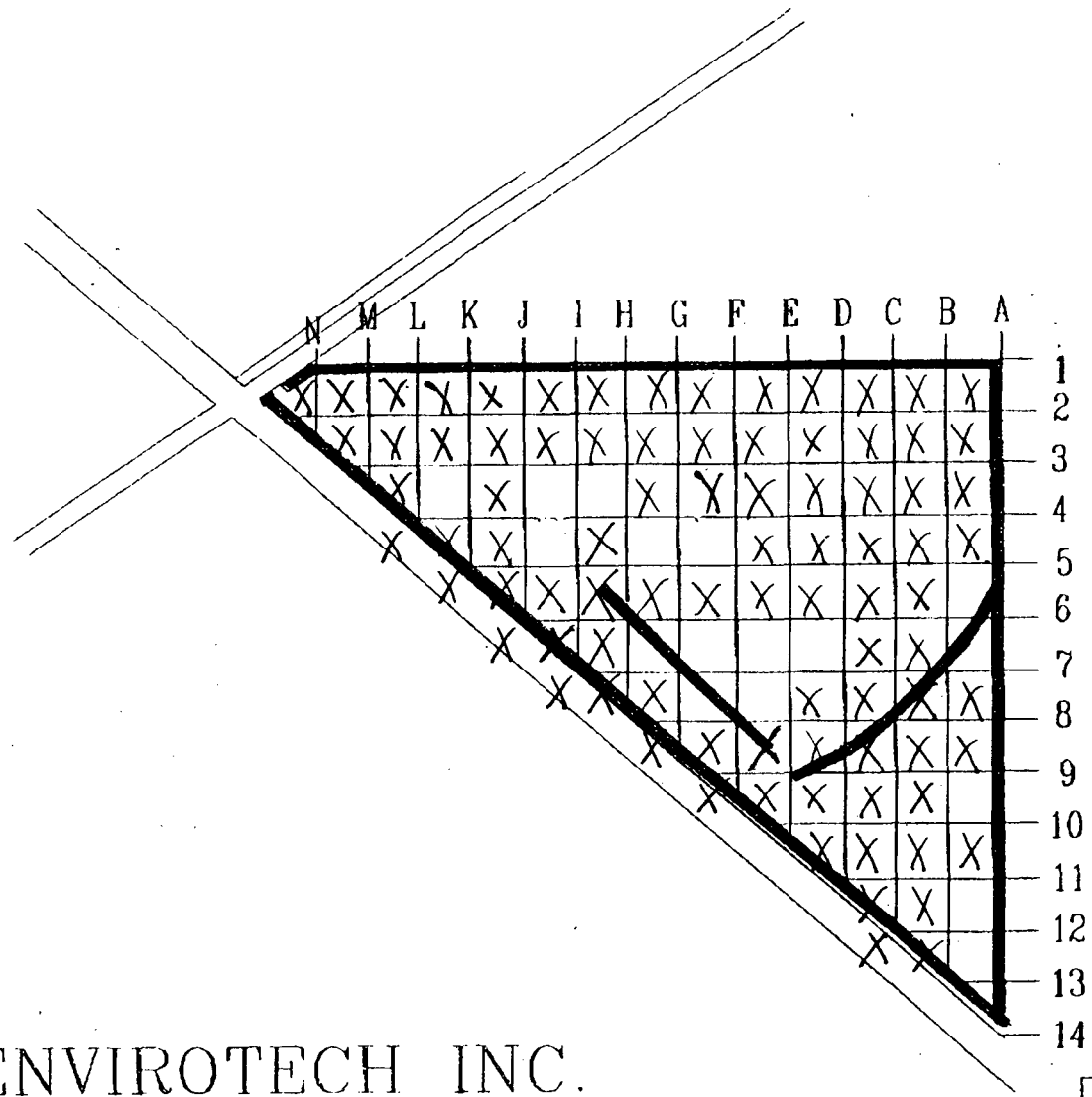
ENVIROTECH INC.
LANDFARM #2
UNIT #5



5056321865 YOUNGENVIRONMENTAL 634 P05 APR 17 '98 10:56

X Approved 1999 November 18th

5056321865 TUNGENVIRONMENTAL 334 P04 APR 17 '98 10:55

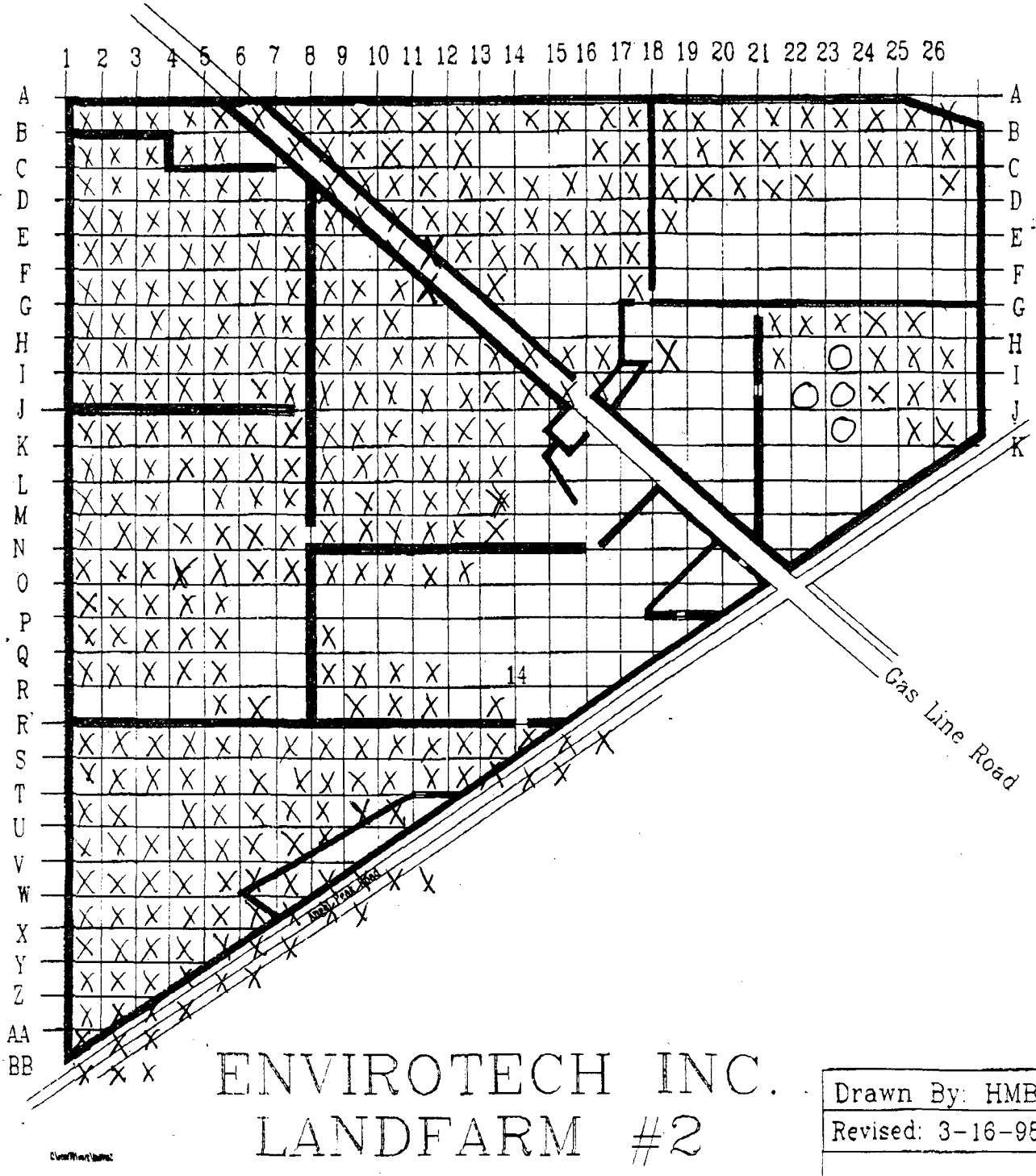


Unit #4

ENVIROTECH INC.
LANDFARM #2
UNIT #4

Drawn By: HMB
Revised: 3-16-98
C:\acad10\work\lf2unit4

X Approved 1996 February 7, June 3
X Approved 1997 April
X Approved 1998 April 17
X Approved 1999 November 18



ENVIROTECH INC.
LANDFARM #2

Drawn By: HMB
Revised: 3-16-98

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

November 18, 1999

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Mr. Morris Young
Envirotech Inc.
5796 U. S. Highway 64-3014
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Dear Mr. Young:

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Landfarm #2 Main (NE) Cells

Cell H-18	Cell V-8	Cell W-6	Cell X-5
Cell T-9	Cell V-9	Cell W-7	Cell X-6
Cell T-10	Cell V-10	Cell W-8	Cell X-7
Cell V-6	Cell V-11	Cell W-9	Cell Y-5
Cell V-7			Cell Y-6

Landfarm # 2 Unit 5

Cell A-14	Cell B-17	Cell C-20	Cell E-13
Cell A-15	Cell B-18	Cell D-12	Cell E-14
Cell A-16	Cell B-19	Cell D-13	Cell E-15
Cell A-17	Cell B-20	Cell D-14	Cell E-16
Cell A-18	Cell C-13	Cell D-15	Cell E -17
Cell A-19	Cell C-14	Cell D-16	Cell E-18
Cell A-20	Cell C-15	Cell D-18	Cell E-20
Cell B-14	Cell C-16	Cell D-19	Cell F-11
Cell B-15	Cell C-18	Cell D-20	Cell F-12
Cell B-16	Cell C-19	Cell E-12	Cell F-13

Cell F-14	Cell H-15	Cell J-15	Cell L-14
Cell F-15	Cell H-16	Cell J-16	Cell L-15
Cell F-16	Cell H-17	Cell J-17	Cell L-16
Cell F-17	Cell H-18	Cell J-18	Cell L-17
Cell F-18	Cell H-19	Cell J-19	Cell L-18
Cell F-19	Cell H-20	Cell J-20	Cell L-19
Cell F-20	Cell I-7	Cell K-7	Cell L-20
Cell G-9	Cell I-8	Cell K-8	Cell M-10
Cell G-12	Cell I-12	Cell K-10	Cell M-11
Cell G-13	Cell I-13	Cell K-11	Cell M-12
Cell G-14	Cell I-14	Cell K-14	Cell M-13
Cell G-15	Cell I-15	Cell K-15	Cell M-14
Cell G-16	Cell I-16	Cell K-16	Cell M-15
Cell G-17	Cell I-17	Cell K-17	Cell M-16
Cell G-18	Cell I-18	Cell K-18	Cell M-17
Cell G-19	Cell I-19	Cell K-19	Cell M-18
Cell G-20	Cell I-20	Cell K-20	Cell M-19
Cell H-8	Cell J-7	Cell L-8	Cell M-20
Cell H-9	Cell J-8	Cell L-10	
Cell H-11	Cell J-11	Cell L-11	
Cell H-13	Cell J-13	Cell L-12	
Cell H-14	Cell J-14	Cell L-13	

Landfarm #2 Unit 4

Cell E-8	Cell-J	Cell K-1	Cell K-2
Cell F-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.

The following cell data packets for Landfarm #2 were incomplete and could not be evaluated. The OCD is returning the incomplete data packets. Please review the enclosed data packets and resubmit when completed. Discontinued maintenance status is hereby **denied** for the following cells:

Landfarm #2 Unit 5

Cell F-10	Cell I-9	Cell J-10	Cell M-9
Cell G-10	Cell I-10	Cell K-9	
Cell H-10	Cell J-9	Cell L-9	

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. Kieling
Environmental Geologist

xc: OCD Aztec Office

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
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November 18, 1999

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Landfarm #2 Main (NE) Cells

Cell H-18	Cell V-8	Cell W-6	Cell X-5
Cell T-9	Cell V-9	Cell W-7	Cell X-6
Cell T-10	Cell V-10	Cell W-8	Cell X-7
Cell V-6	Cell V-11	Cell W-9	Cell Y-5
Cell V-7			Cell Y-6

Landfarm # 2 Unit 5

Cell A-14	Cell B-17	Cell C-20	Cell E-13
Cell A-15	Cell B-18	Cell D-12	Cell E-14
Cell A-16	Cell B-19	Cell D-13	Cell E-15
Cell A-17	Cell B-20	Cell D-14	Cell E-16
Cell A-18	Cell C-13	Cell D-15	Cell E -17
Cell A-19	Cell C-14	Cell D-16	Cell E-18
Cell A-20	Cell C-15	Cell D-18	Cell E-20
Cell B-14	Cell C-16	Cell D-19	Cell F-11
Cell B-15	Cell C-18	Cell D-20	Cell F-12
Cell B-16	Cell C-19	Cell E-12	Cell F-13

Cell F-14	Cell H-15	Cell J-15	Cell L-14
Cell F-15	Cell H-16	Cell J-16	Cell L-15
Cell F-16	Cell H-17	Cell J-17	Cell L-16
Cell F-17	Cell H-18	Cell J-18	Cell L-17
Cell F-18	Cell H-19	Cell J-19	Cell L-18
Cell F-19	Cell H-20	Cell J-20	Cell L-19
Cell F-20	Cell I-7	Cell K-7	Cell L-20
Cell G-9	Cell I-8	Cell K-8	Cell M-10
Cell G-12	Cell I-12	Cell K-10	Cell M-11
Cell G-13	Cell I-13	Cell K-11	Cell M-12
Cell G-14	Cell I-14	Cell K-14	Cell M-13
Cell G-15	Cell I-15	Cell K-15	Cell M-14
Cell G-16	Cell I-16	Cell K-16	Cell M-15
Cell G-17	Cell I-17	Cell K-17	Cell M-16
Cell G-18	Cell I-18	Cell K-18	Cell M-17
Cell G-19	Cell I-19	Cell K-19	Cell M-18
Cell G-20	Cell I-20	Cell K-20	Cell M-19
Cell H-8	Cell J-7	Cell L-8	Cell M-20
Cell H-9	Cell J-8	Cell L-10	
Cell H-11	Cell J-11	Cell L-11	
Cell H-13	Cell J-13	Cell L-12	
Cell H-14	Cell J-14	Cell L-13	

Landfarm #2 Unit 4

Cell E-8	Cell-J	Cell K-1	Cell K-2
Cell F-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.

The following cell data packets for Landfarm #2 were incomplete and could not be evaluated. The OCD is returning the incomplete data packets. Please review the enclosed data packets and resubmit when completed. Discontinued maintenance status is hereby **denied** for the following cells:

Landfarm #2 Unit 5

Cell F-10	Cell I-9	Cell J-10	Cell M-9
Cell G-10	Cell I-10	Cell K-9	
Cell H-10	Cell J-9	Cell L-9	

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,

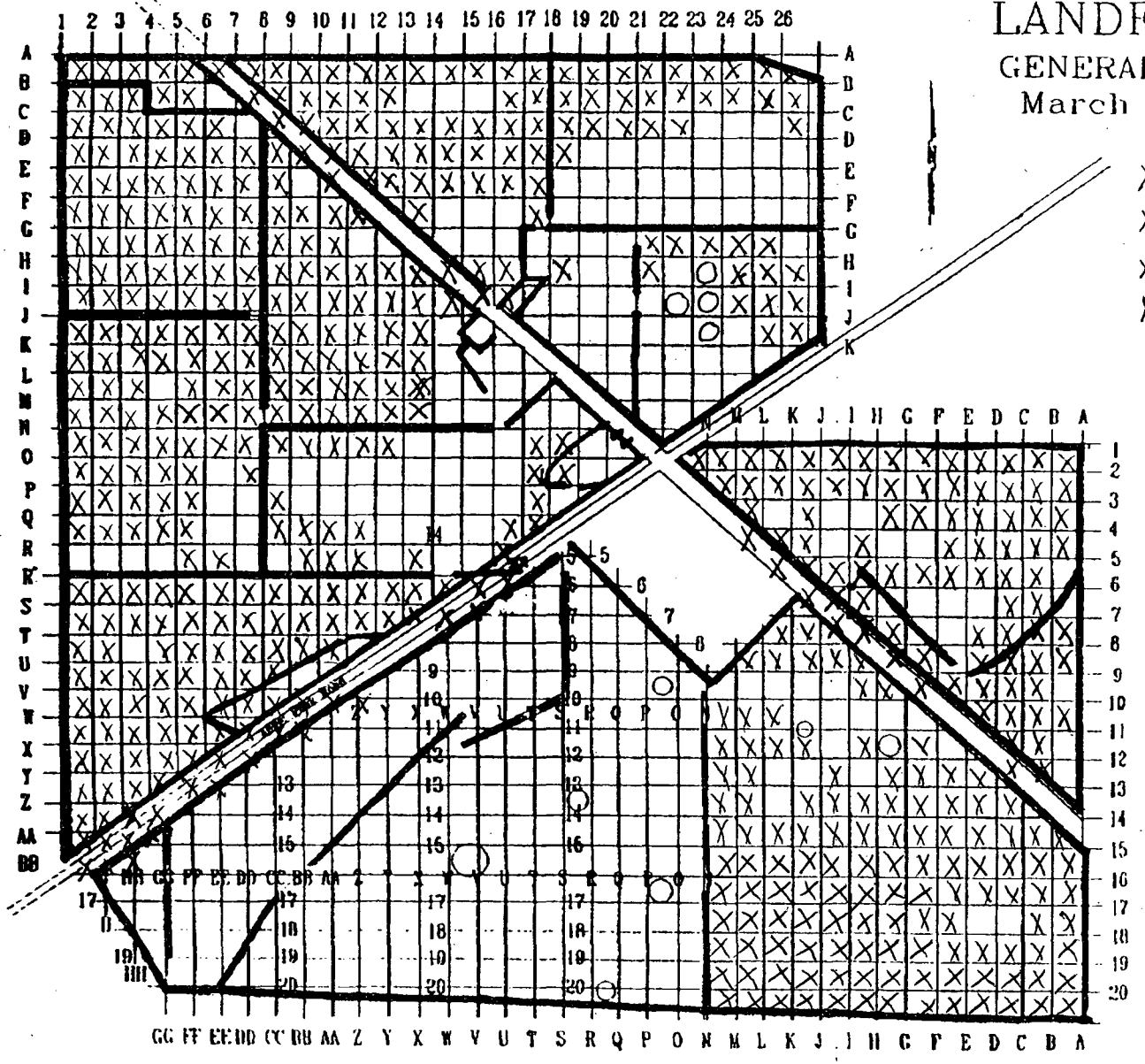
Martyne J. Kieling
Environmental Geologist

xc: OCD Aztec Office

5056321865 YOUNGENVIRONMENTAL 634 P02 APR 17 '98 10:54

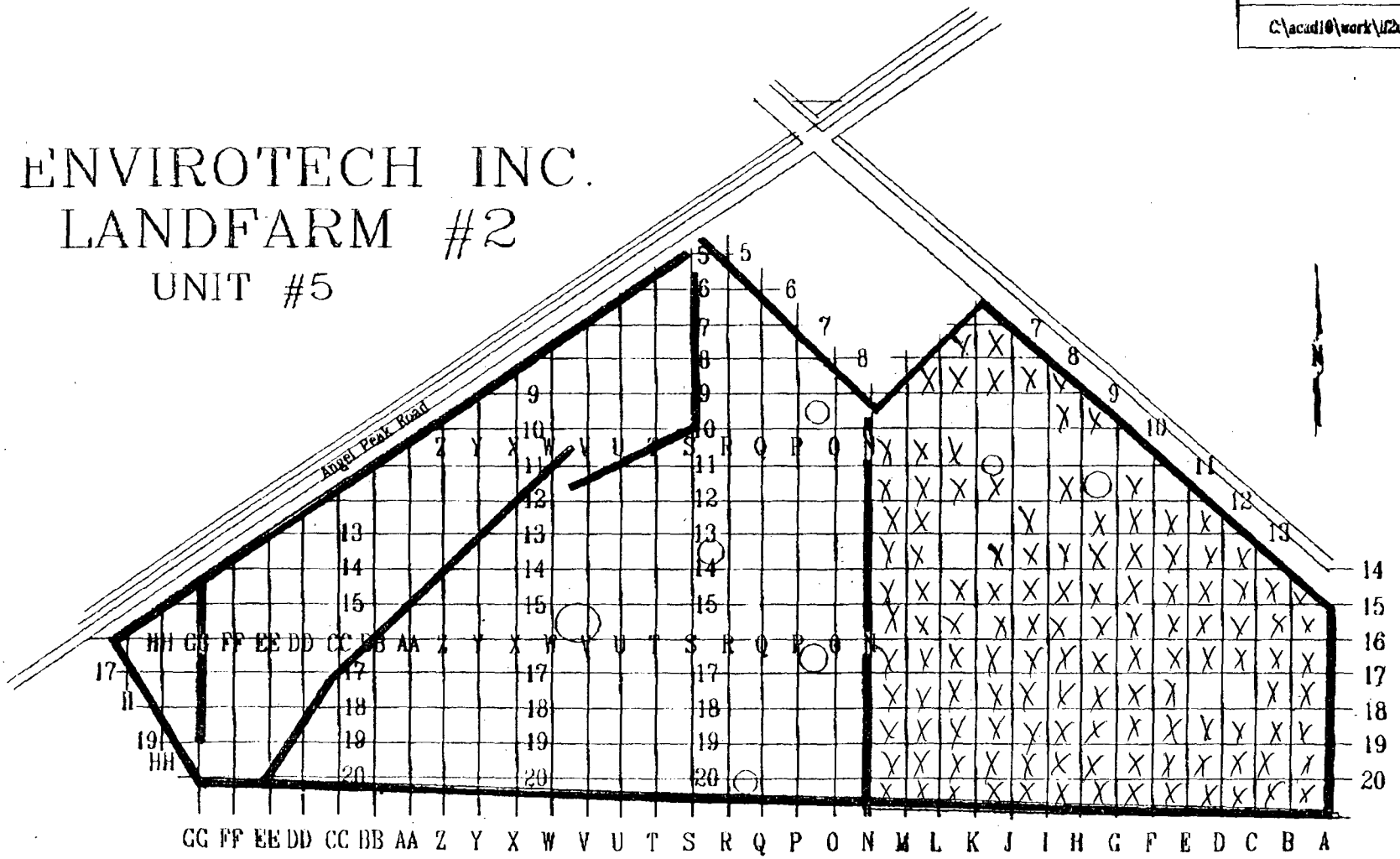
ENVIROTECH INC.
LANDFARM #2
GENERAL SITE MAP
March 16, 1998

X Approved 1996 February 7; June 3
X Approved 1997 April
X Approved 1998 April 17
X Approved 1999 NOVEMBER 18



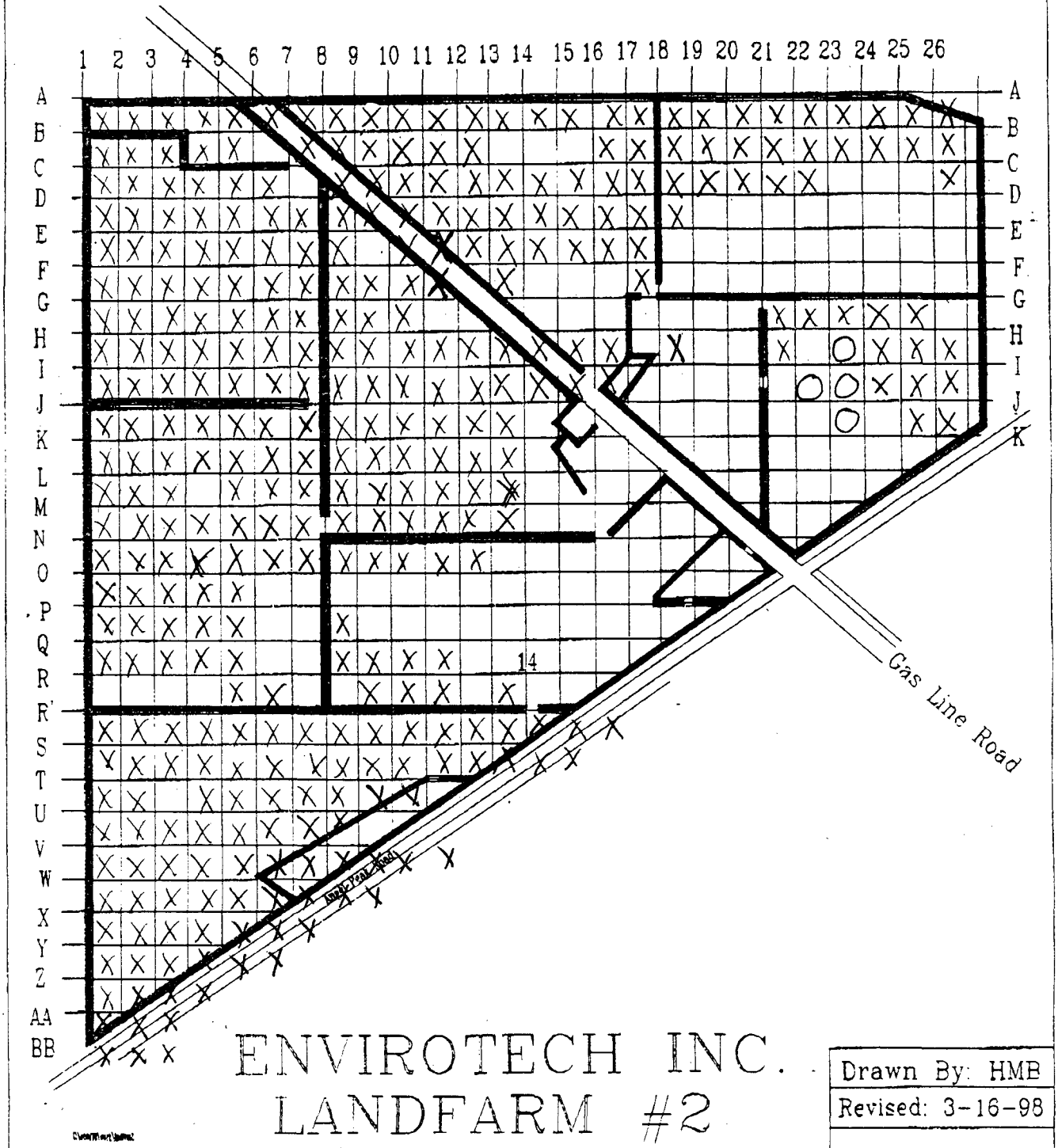
Drawn By: HMB
Revised: 3-16-98
C:\acad10\work\lf2unit5

ENVIROTECH INC.
LANDFARM #2
UNIT #5



5056321865 YOUNGENVIRONMENTAL 634 P05 APR 17 '98 10:56

X Approved 1996 February 7, June 3
X Approved 1997 April
X Approved 1998 April 17
X Approved 1999 NOVEMBER 18

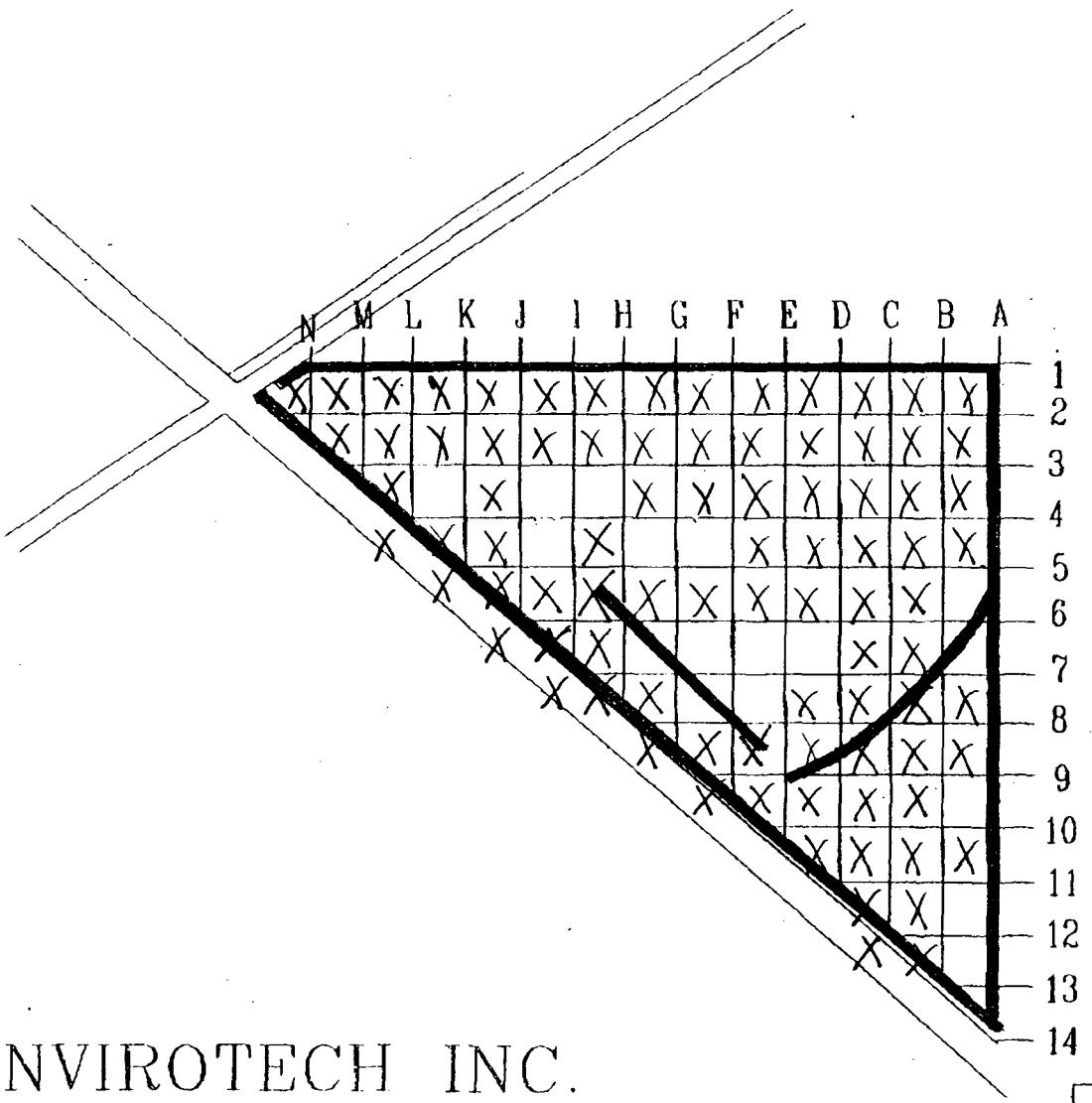


ENVIROTECH INC.
LANDFARM #2

Drawn By: HMB
Revised: 3-16-98

X Approved 1999 November 18

5056321865 ENGENVIRONMENTAL 534 P04 APR 17 '98 10:55



ENVIROTECH INC.

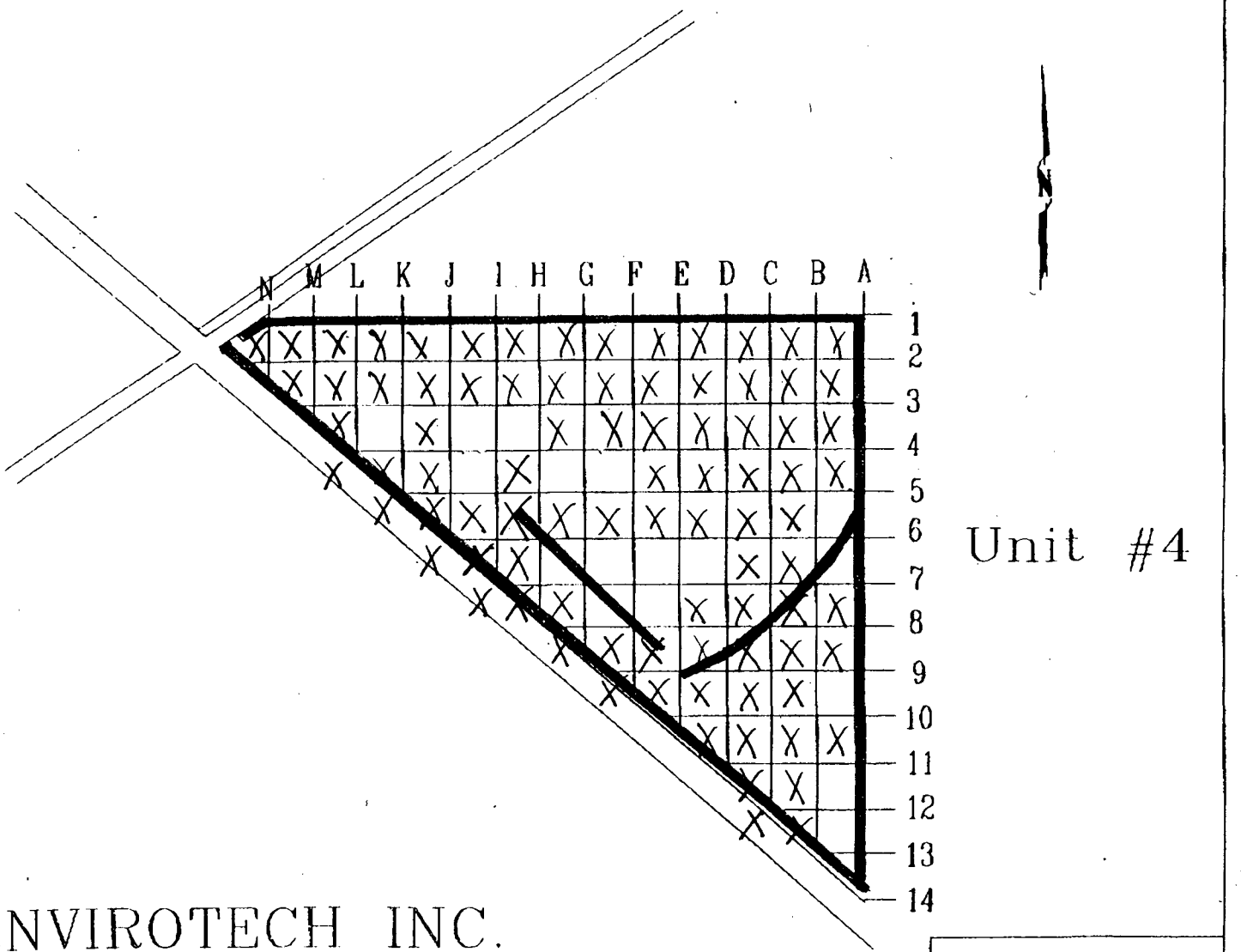
LANDFARM #2

UNIT #4

Drawn By: HMB
Revised: 3-16-98
C:\acad10\work\lf2unit4

X Approved 1999 NOVEMBER 18

5056321865 ENVIRONMENTAL APR 17 '98 10:55 P04



ENVIROTECH INC.

LANDFARM #2

UNIT #4

Drawn By: HMB
Revised: 3-16-98
C:\acad10\work\lf2unit4

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/17/99

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
FEB 17 2000
Environmental Bureau
Oil Conservation Division

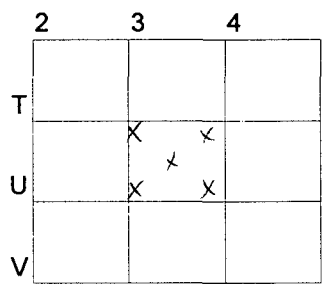
Dear Mr. Anderson:

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
EPNG	04047	7/27-7/28/95	Meter # 75862	Cinco Diablos II	224
EPNG	04047	07/27/95	Meter # 93119	Jicarilla 110	28
EPNG	04047	07/28/95	Meter # 87148	Jicarilla 360 # 2	28
EPNG	04047	07/28/95	Meter # 74648	Margurite # 3	92

Sampling Documentation:



Landfarm # 2 Cell (s): T - 3

Sample Date: 11/15/99 Sampler: DK

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 T-03/G408	PASS	0.0095	0.0348	< 0.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 2-17-00

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell T - 3	Date Reported:	11-17-99
Laboratory Number:	G408	Date Sampled:	11-15-99
Chain of Custody:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Analyzed:	11-16-99
Preservative:	Cool	Date Extracted:	11-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**9.5**	**0.9**
Toluene	**12.9**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**11.6**	**1.1**
o-Xylene	**0.8**	**0.5**
Total BTEX	**34.8**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell T - 3	Date Reported:	11-17-99
Laboratory Number:	G408	Date Sampled:	11-15-99
Chain of Custody No:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Extracted:	11-16-99
Preservative:	Cool	Date Analyzed:	11-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-16-BTEX QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
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	2.7861E-001	2.7928E-001	0.2%	ND	0.2
Toluene	2.6730E-001	2.6778E-001	0.2%	ND	0.2
Ethylbenzene	5.7460E-001	5.7581E-001	0.2%	ND	0.2
p,m-Xylene	6.2877E-001	6.3034E-001	0.3%	ND	0.2
o-Xylene	1.9028E-001	1.9061E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	12.3	11.9	3.3%	0 - 30%	0.9
Toluene	29.0	28.0	3.4%	0 - 30%	0.8
Ethylbenzene	2.0	2.0	0.0%	0 - 30%	0.8
p,m-Xylene	28.0	27.2	2.9%	0 - 30%	1.1
o-Xylene	3.4	3.3	2.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	12.3	50.0	62.3	100%	39 - 150
Toluene	29.0	50.0	78.9	100%	46 - 148
Ethylbenzene	2.0	50.0	52.0	100%	32 - 160
p,m-Xylene	28.0	100.0	128	100%	46 - 148
o-Xylene	3.4	50.0	53.4	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 G406 - G415.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-16-TPH QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	6.9351E-002	6.9282E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	6.1385E-002	6.1263E-002	**0.20%**	**0 - 15%**

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**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 samples G406 - G415.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7559

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech, Inc	Landfarm #2	
Sampler: Donald Kee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	8015 TPH					Remarks
Cell M-14	11.15.99	15:10	G406	Soil	1	✓	✓					Closure Sample
Cell R-15		13:30	G407		1	✓	✓					
Cell T-3		13:50	G408		1	✓	✓					
Cell T-11		14:00	G409		1	✓	✓					
Cell T-12		14:10	G410		1	✓	✓					
Cell T-13		15:00	G411		1	✓	✓					
Cell U-9			G412		1	✓	✓					
Cell U-10		14:20	G413		1	✓	✓					
Cell U-11		14:35	G414		1	✓	✓					
Cell U-12		14:50	G415		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Donald Kee	11.15.99	15:30	Received by: (Signature) Glenn L. Spencer	11.15.99	15:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/17/99

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
FEB 17 2000
Environmental Bureau
Oil Conservation Division

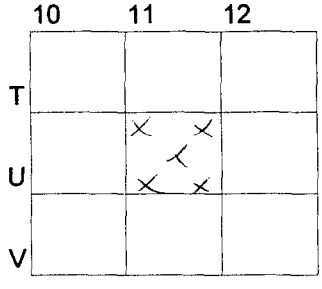
Dear Mr. Anderson:

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
EPNG	04047	08/09/95	Meter # 89497	Apache Flats # 11	108
EPNG	04047	08/09/95	Meter # 89495	Apache Flats # 1	20
EPNG	04047	08/09/95	Meter # 90118	Jicarilla 428 # 6	36
EPNG	04047	08/10/95	Meter # 89671	Apache Flats # 4	20

Sampling Documentation:



Landfarm # 2 Cell (s): T - 11

Sample Date: 11/15/99 Sampler: DK

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 T-11/G409	PASS	0.009	0.0338	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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. Kelly Date 2-17-00

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell T - 11	Date Reported:	11-17-99
Laboratory Number:	G409	Date Sampled:	11-15-99
Chain of Custody:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Analyzed:	11-16-99
Preservative:	Cool	Date Extracted:	11-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**9.0**	**0.9**
Toluene	**13.5**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**11.3**	**1.1**
o-Xylene	**ND**	**0.5**
Total BTEX	**33.8**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell T - 11	Date Reported:	11-17-99
Laboratory Number:	G409	Date Sampled:	11-15-99
Chain of Custody No:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Extracted:	11-16-99
Preservative:	Cool	Date Analyzed:	11-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-16-BTEX QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
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	2.7861E-001	2.7928E-001	0.2%	ND	0.2
Toluene	2.6730E-001	2.6778E-001	0.2%	ND	0.2
Ethylbenzene	5.7460E-001	5.7581E-001	0.2%	ND	0.2
p,m-Xylene	6.2877E-001	6.3034E-001	0.3%	ND	0.2
o-Xylene	1.9028E-001	1.9061E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	12.3	11.9	3.3%	0 - 30%	0.9
Toluene	29.0	28.0	3.4%	0 - 30%	0.8
Ethylbenzene	2.0	2.0	0.0%	0 - 30%	0.8
p,m-Xylene	28.0	27.2	2.9%	0 - 30%	1.1
o-Xylene	3.4	3.3	2.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	12.3	50.0	62.3	100%	39 - 150
Toluene	29.0	50.0	78.9	100%	46 - 148
Ethylbenzene	2.0	50.0	52.0	100%	32 - 160
p,m-Xylene	28.0	100.0	128	100%	46 - 148
o-Xylene	3.4	50.0	53.4	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 G406 - G415.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-16-TPH QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	6.9351E-002	6.9282E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	6.1385E-002	6.1263E-002	**0.20%**	**0 - 15%**

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**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 samples G406 - G415.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

7559

Client / Project Name	Project Location
Envirotech, Inc	Landfarm #2
Sampler: Donald Kee	Client No. 91020-02

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	8015 TPH					Remarks
						ANALYSIS / PARAMETERS						
Cell M-14	11.15.99	15:10	G406	Soil	1	✓	✓					Closure Sample
Cell R-15		13:30	G407		1	✓	✓					
Cell T-3		13:50	G408		1	✓	✓					
Cell T-11		14:00	G409		1	✓	✓					
Cell T-12		14:10	G410		1	✓	✓					
Cell T-13		15:00	G411		1	✓	✓					
Cell U-9			G412		1	✓	✓					
Cell U-10		14:20	G413		1	✓	✓					
Cell U-11		14:35	G414		1	✓	✓					
Cell U-12		14:50	G415		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Donald Kee	11.15.99	15:30	Received by: (Signature) Allen P. Applegate	11.15.99	15:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/17/99

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
FEB 17 2000
Environmental Bureau
Oil Conservation Division

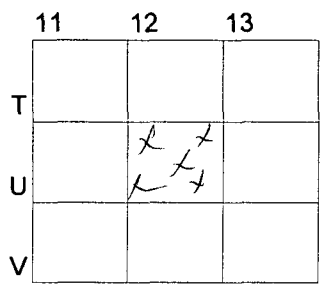
Dear Mr. Anderson:

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
EPNG	04047	07/11/95	Meter # 93791	Bonanza #5	190
EPNG	04047	07/11/95	Meter # 94852	Indian Bend #3	100
EPNG	04047	8/8-8/9/95	Meter # 90118	Jicarilla 428 #6	118
EPNG	04047	8/8-8/9/95	Meter # 89671	Apache Flats # 4	18
EPNG	04047	08/09/95	Meter # 89495	Apache Flats # 1	90
EPNG	04047	08/09/95	Meter # 89497	Apache Flats # 11	108

Sampling Documentation:



Landfarm # 2 Cell (s): T - 12

Sample Date: 11/15/99 Sampler: DK

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 T-12/G410	PASS	0.15	0.582	0.6

Respectfully submitted,
Envirotech, Inc.
Christine M Walters
Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Kieling Date 2-17-00

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell T - 12	Date Reported:	11-17-99
Laboratory Number:	G410	Date Sampled:	11-15-99
Chain of Custody:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Analyzed:	11-16-99
Preservative:	Cool	Date Extracted:	11-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**150**	**0.9**
Toluene	**16.8**	**0.8**
Ethylbenzene	**188**	**0.8**
p,m-Xylene	**104**	**1.1**
o-Xylene	**123**	**0.5**
Total BTEX	**582**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell T - 12	Date Reported:	11-17-99
Laboratory Number:	G410	Date Sampled:	11-15-99
Chain of Custody No:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Extracted:	11-16-99
Preservative:	Cool	Date Analyzed:	11-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-16-BTEX QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
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	2.7861E-001	2.7928E-001	0.2%	ND	0.2
Toluene	2.6730E-001	2.6778E-001	0.2%	ND	0.2
Ethylbenzene	5.7460E-001	5.7581E-001	0.2%	ND	0.2
p,m-Xylene	6.2877E-001	6.3034E-001	0.3%	ND	0.2
o-Xylene	1.9028E-001	1.9061E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	12.3	11.9	3.3%	0 - 30%	0.9
Toluene	29.0	28.0	3.4%	0 - 30%	0.8
Ethylbenzene	2.0	2.0	0.0%	0 - 30%	0.8
p,m-Xylene	28.0	27.2	2.9%	0 - 30%	1.1
o-Xylene	3.4	3.3	2.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	12.3	50.0	62.3	100%	39 - 150
Toluene	29.0	50.0	78.9	100%	46 - 148
Ethylbenzene	2.0	50.0	52.0	100%	32 - 160
p,m-Xylene	28.0	100.0	128	100%	46 - 148
o-Xylene	3.4	50.0	53.4	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 G406 - G415.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-16-TPH QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	6.9351E-002	6.9282E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	6.1385E-002	6.1263E-002	**0.20%**	**0 - 15%**

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**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 samples G406 - G415.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7559

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech, Inc	Landfarm #2	
Sampler: Donald Kee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	8015 TPH					Remarks
Cell M-14	11.15.99	15:10	G406	Soil	1	✓	✓					Closure Sample
Cell R-15		13:30	G407		1	✓	✓					
Cell T-3		13:50	G408		1	✓	✓					
Cell T-11		14:00	G409		1	✓	✓					
Cell T-12		14:10	G410		1	✓	✓					
Cell T-13		15:00	G411		1	✓	✓					
Cell U-9			G412		1	✓	✓					
Cell U-10		14:20	G413		1	✓	✓					
Cell U-11		14:35	G414		1	✓	✓					
Cell U-12		14:50	G415		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Donald Kee	11.15.99	15:30	Received by: (Signature) Glenn P. Spencer	11.15.99	15:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/17/99

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
FEB 17 2000
Environmental Bureau
Oil Conservation Division

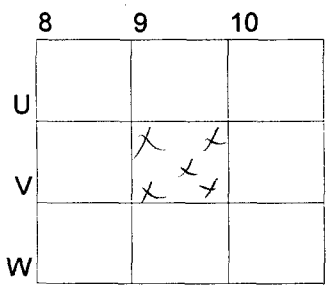
Dear Mr. Anderson:

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
EPNG	04047	08/17/95	Meter # 93976	Jicarilla C - 31	78
EPNG	04047	08/17/95	Meter # 74427	Jicarilla C - 4	40
EPNG	04047	8/17-8/18/95	Line Drip # 007	Jicarilla 2C - 41	136

Sampling Documentation:



Landfarm # 2 Cell (s): U - 9

Sample Date: 11/15/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell U-09/G412	PASS	0.049	0.152	0.8

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 2-17-00

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell U - 9	Date Reported:	11-17-99
Laboratory Number:	G412	Date Sampled:	11-15-99
Chain of Custody:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Analyzed:	11-16-99
Preservative:	Cool	Date Extracted:	11-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**49.0**	**0.9**
Toluene	**21.6**	**0.8**
Ethylbenzene	**2.3**	**0.8**
p,m-Xylene	**71.9**	**1.1**
o-Xylene	**6.8**	**0.5**
Total BTEX	**152**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell U - 9	Date Reported:	11-17-99
Laboratory Number:	G412	Date Sampled:	11-15-99
Chain of Custody No:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Extracted:	11-16-99
Preservative:	Cool	Date Analyzed:	11-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-16-BTEX QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
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	2.7861E-001	2.7928E-001	0.2%	ND	0.2
Toluene	2.6730E-001	2.6778E-001	0.2%	ND	0.2
Ethylbenzene	5.7460E-001	5.7581E-001	0.2%	ND	0.2
p,m-Xylene	6.2877E-001	6.3034E-001	0.3%	ND	0.2
o-Xylene	1.9028E-001	1.9061E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	12.3	11.9	3.3%	0 - 30%	0.9
Toluene	29.0	28.0	3.4%	0 - 30%	0.8
Ethylbenzene	2.0	2.0	0.0%	0 - 30%	0.8
p,m-Xylene	28.0	27.2	2.9%	0 - 30%	1.1
o-Xylene	3.4	3.3	2.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	12.3	50.0	62.3	100%	39 - 150
Toluene	29.0	50.0	78.9	100%	46 - 148
Ethylbenzene	2.0	50.0	52.0	100%	32 - 160
p,m-Xylene	28.0	100.0	128	100%	46 - 148
o-Xylene	3.4	50.0	53.4	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 G406 - G415.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-16-TPH QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	6.9351E-002	6.9282E-002	0.10%	0 - 15%
Diesel Range C10 - C28	06-17-99	6.1385E-002	6.1263E-002	0.20%	0 - 15%

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	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 samples G406 - G415.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7559

Client / Project Name	Project Location
Envirotech, Inc	Landfarm #2
Sampler: Donald Kee	**Client No.** 91020-02

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	8015 TPH					Remarks
Cell M-14	11.15.99	15:10	G406	Soil	1	✓	✓					Closure Sample
Cell R-15		13:30	G407		1	✓	✓					
Cell T-3		13:50	G408		1	✓	✓					
Cell T-11		14:00	G409		1	✓	✓					
Cell T-12		14:10	G410		1	✓	✓					
Cell T-13		15:00	G411		1	✓	✓					
Cell U-9			G412		1	✓	✓					
Cell U-10		14:20	G413		1	✓	✓					
Cell U-11		14:35	G414		1	✓	✓					
Cell U-12		14:50	G415		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Donald Kee	11.15.99	15:30	Received by: (Signature)	11.15.99	15:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/17/99

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
FEB 17 2000
Environmental Bureau
Oil Conservation Division

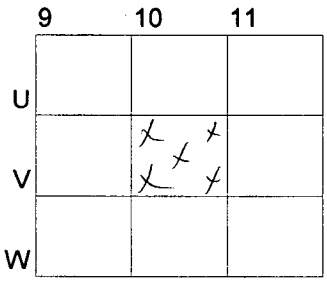
Dear Mr. Anderson:

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
EPNG	04047	08/16/95	Meter # 74427	Jicarilla C - 4	150
EPNG	04047	08/16/95	Meter # 89358	Jicarilla C - 14	54
EPNG	04047	08/16/95	Meter # 93976	Jicarilla C - 31	36

Sampling Documentation:



Landfarm # 2 Cell (s): U - 10

Sample Date: 11/15/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell U-10/G413	PASS	0.0083	0.0302	<0.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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. Kieling Date 2-17-00

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell U - 10	Date Reported:	11-17-99
Laboratory Number:	G413	Date Sampled:	11-15-99
Chain of Custody:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Analyzed:	11-16-99
Preservative:	Cool	Date Extracted:	11-16-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**8.3**	**0.9**
Toluene	**8.6**	**0.8**
Ethylbenzene	**1.3**	**0.8**
p,m-Xylene	**11.3**	**1.1**
o-Xylene	**0.7**	**0.5**
Total BTEX	**30.2**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell U - 10	Date Reported:	11-17-99
Laboratory Number:	G413	Date Sampled:	11-15-99
Chain of Custody No:	7559	Date Received:	11-15-99
Sample Matrix:	Soil	Date Extracted:	11-16-99
Preservative:	Cool	Date Analyzed:	11-16-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-16-BTEX QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
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	2.7861E-001	2.7928E-001	0.2%	ND	0.2
Toluene	2.6730E-001	2.6778E-001	0.2%	ND	0.2
Ethylbenzene	5.7460E-001	5.7581E-001	0.2%	ND	0.2
p,m-Xylene	6.2877E-001	6.3034E-001	0.3%	ND	0.2
o-Xylene	1.9028E-001	1.9061E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	12.3	11.9	3.3%	0 - 30%	0.9
Toluene	29.0	28.0	3.4%	0 - 30%	0.8
Ethylbenzene	2.0	2.0	0.0%	0 - 30%	0.8
p,m-Xylene	28.0	27.2	2.9%	0 - 30%	1.1
o-Xylene	3.4	3.3	2.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	12.3	50.0	62.3	100%	39 - 150
Toluene	29.0	50.0	78.9	100%	46 - 148
Ethylbenzene	2.0	50.0	52.0	100%	32 - 160
p,m-Xylene	28.0	100.0	128	100%	46 - 148
o-Xylene	3.4	50.0	53.4	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 G406 - G415.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-16-TPH QA/QC	Date Reported:	11-17-99
Laboratory Number:	G406	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-16-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	6.9351E-002	6.9282E-002	0.10%	0 - 15%
Diesel Range C10 - C28	06-17-99	6.1385E-002	6.1263E-002	0.20%	0 - 15%

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	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 samples G406 - G415.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7559

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech, Inc	Landfarm #2	
Sampler: Donald Kee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	8015 TPH					Remarks
Cell M-14	11.15.99	15:10	G406	Soil	1	✓	✓					Closure Sample
Cell R-15		13:30	G407		1	✓	✓					
Cell T-3		13:50	G408		1	✓	✓					
Cell T-11		14:00	G409		1	✓	✓					
Cell T-12		14:10	G410		1	✓	✓					
Cell T-13		15:00	G411		1	✓	✓					
Cell U-9			G412		1	✓	✓					
Cell U-10		14:20	G413		1	✓	✓					
Cell U-11		14:35	G414		1	✓	✓					
Cell U-12		14:50	G415		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Donald Kee	11.15.99	15:30	Allen P. Ogburn	11.15.99	15:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

November 17, 1999

Ms. Martyne J. Kieling
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Ms. Kieling

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

Cells:

N-13, N-14, N-15, N-16,

O-8, O-9, O-10, O-11, O-12, O-13, O-14, O-15, O-16,

P-9, P-11, P-12, P-13, P-14, P-15, P-16,

Q-15,

R-12, R-15, R-16 AND R-17.

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

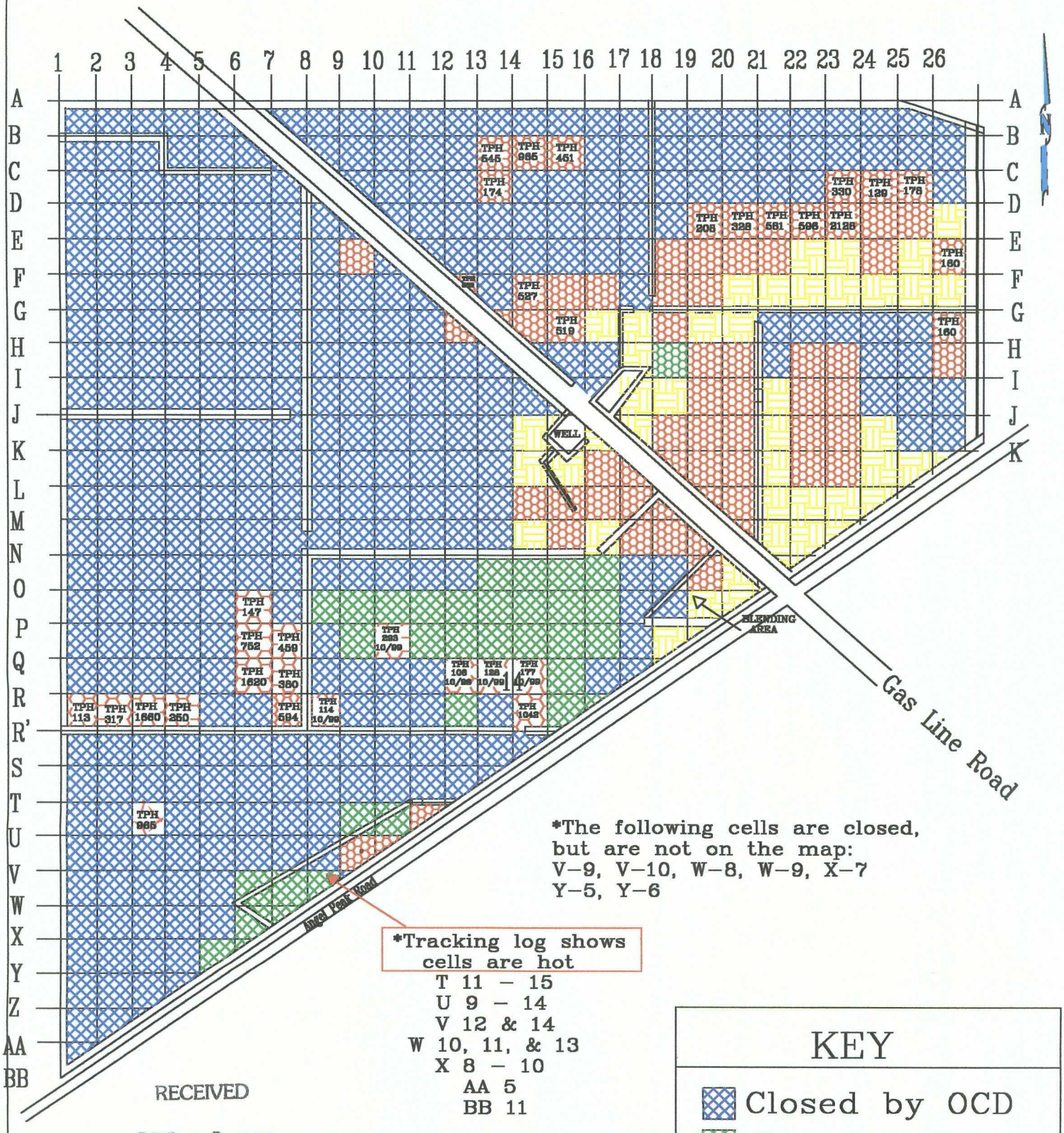
Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

CMW/cmw

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*The following cells are closed, but are not on the map:
V–9, V–10, W–8, W–9, X–7
Y–5, Y–6

*Tracking log shows cells are hot
T 11 – 15
U 9 – 14
V 12 & 14
W 10, 11, & 13
X 8 – 10
AA 5
BB 11

RECEIVED
DEC 06 1999
Environmental Bureau
Oil Conservation Division

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

ENVIROTECH INC.
LANDFARM #2

Drawn By: HMB
Revised: 5–05–99

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

Date: 11/17/99

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

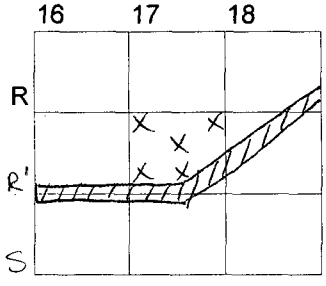
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	09/06/95	Meter # 72890	Ohio C Gov't # 3	10

Sampling Documentation:



Landfarm # 2 Cell (s): R - 17

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-17/G266	PASS	<0.0009	0.031	3.6

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J Kieling Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell R - 17	Date Reported:	11-03-99
Laboratory Number:	G266	Date Sampled:	10-26-99
Chain of Custody No:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell R - 17	Date Reported:	11-03-99
Laboratory Number:	G266	Date Sampled:	10-26-99
Chain of Custody:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**12.0**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**13.8**	**1.1**
o-Xylene	**5.2**	**0.5**
Total BTEX	**31.0**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH-PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-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	**0.5**	**0.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**9.1**	**9.1**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**0.5**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**9.1**	**250**	**259**	**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 G257 - G266.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX -PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	6.3	6.2	1.6%	0 - 30%	0.9
Toluene	8.3	8.1	2.4%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	8.1	7.9	2.5%	0 - 30%	1.1
o-Xylene	6.0	5.9	1.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	6.3	50.0	56.3	100%	39 - 150
Toluene	8.3	50.0	58.3	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	100%	32 - 160
p,m-Xylene	8.1	100.0	108	100%	46 - 148
o-Xylene	6.0	50.0	56.0	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 G257 - G266.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7515

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	8015 TPH					Remarks
												Closure Samples
Cell P-16	10.26.99	12:05	G257	Soil	1	✓	✓					
Cell Q-12		10:07	G258		1	✓	✓					
Cell Q-13		10:38	G259		1	✓	✓					
Cell Q-14		11:05	G260		1	✓	✓					
Cell Q-15		11:39	G261		1	✓	✓					
Cell R-8		9:35	G262		1	✓	✓					
Cell R-12		10:17	G263		1	✓	✓					
Cell R-15		11:45	G264		1	✓	✓					
Cell R-16		12:15	G265		1	✓	✓					
Cell R-17		12:20	G266		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mista Waeta	10.27.99	8:30	Jerry L Ogletree	10.27.99	8:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

Date: 11/17/99

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

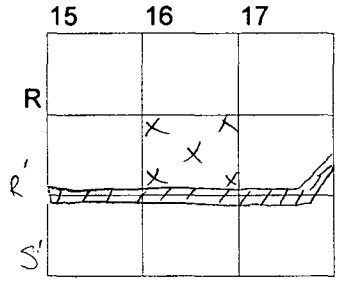
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPNG 04047	03/08/95		Bisti # 6 Station	170

Sampling Documentation:



Landfarm # 2 Cell (s): R - 16

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-16/G265	PASS	0.0017	0.048	4.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell R - 16	Date Reported:	11-03-99
Laboratory Number:	G265	Date Sampled:	10-26-99
Chain of Custody No:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.6**	**0.2**
Diesel Range (C10 - C28)	**3.7**	**0.1**
Total Petroleum Hydrocarbons	**4.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell R - 16	Date Reported:	11-03-99
Laboratory Number:	G265	Date Sampled:	10-26-99
Chain of Custody:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.7**	**0.9**
Toluene	**16.3**	**0.8**
Ethylbenzene	**1.3**	**0.8**
p,m-Xylene	**21.2**	**1.1**
o-Xylene	**7.5**	**0.5**
Total BTEX	**48.0**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH-PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-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	**0.5**	**0.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**9.1**	**9.1**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**0.5**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**9.1**	**250**	**259**	**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 G257 - G266.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX -PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	6.3	6.2	1.6%	0 - 30%	0.9
Toluene	8.3	8.1	2.4%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	8.1	7.9	2.5%	0 - 30%	1.1
o-Xylene	6.0	5.9	1.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	6.3	50.0	56.3	100%	39 - 150
Toluene	8.3	50.0	58.3	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	100%	32 - 160
p,m-Xylene	8.1	100.0	108	100%	46 - 148
o-Xylene	6.0	50.0	56.0	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 G257 - G266.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7515

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	8015 TPH					Remarks
												Closure Samples
Cell P-16	10.26.99	12:05	G257	Soil	1	✓	✓					
Cell Q-12		10:07	G258		1	✓	✓					
Cell Q-13		10:38	G259		1	✓	✓					
Cell Q-14		11:05	G260		1	✓	✓					
Cell Q-15		11:39	G261		1	✓	✓					
Cell R-8		9:35	G262		1	✓	✓					
Cell R-12		10:17	G263		1	✓	✓					
Cell R-15		11:45	G264		1	✓	✓					
Cell R-16		12:15	G265		1	✓	✓					
Cell R-17		12:20	G266		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mista Waeta	10.27.99	8:30	Dena L Ofenco	10.27.99	8:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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Farmington, New Mexico 87401
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Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/17/99

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

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

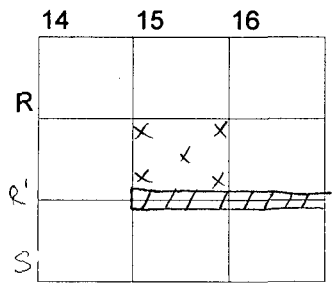
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	11/11/94	Line Drip	Bisti Comp 6 Drip Y-1	90
EPNG	04047	11/11/94	Line Drip	Bisti Comp 1 Drip Y-1	120

Sampling Documentation:



Landfarm # 2 Cell (s): R - 15

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-15/G264	PASS	0.0051	0.238	6.1

Respectfully submitted,
Envirotech, Inc.

Christine M Walters
Laboratory Coordinator / Environmental Scientist

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 Montgomery J. Kent Date 1-12-99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell R - 15	Date Reported:	11-03-99
Laboratory Number:	G264	Date Sampled:	10-26-99
Chain of Custody No:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.0**	**0.2**
Diesel Range (C10 - C28)	**5.1**	**0.1**
Total Petroleum Hydrocarbons	**6.1**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell R - 15	Date Reported:	11-03-99
Laboratory Number:	G264	Date Sampled:	10-26-99
Chain of Custody:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**5.1**	**0.9**
Toluene	**79.4**	**0.8**
Ethylbenzene	**11.1**	**0.8**
p,m-Xylene	**102**	**1.1**
o-Xylene	**40.2**	**0.5**
Total BTEX	**238**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH-PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-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	**0.5**	**0.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**9.1**	**9.1**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**0.5**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**9.1**	**250**	**259**	**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 G257 - G266.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX -PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	6.3	6.2	1.6%	0 - 30%	0.9
Toluene	8.3	8.1	2.4%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	8.1	7.9	2.5%	0 - 30%	1.1
o-Xylene	6.0	5.9	1.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	6.3	50.0	56.3	100%	39 - 150
Toluene	8.3	50.0	58.3	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	100%	32 - 160
p,m-Xylene	8.1	100.0	108	100%	46 - 148
o-Xylene	6.0	50.0	56.0	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 G257 - G266.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7515

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	8015 TPH					Remarks
												Closure Samples
Cell P-16	10.26.99	12:05	G257	Soil	1	✓	✓					
Cell Q-12		10:07	G258		1	✓	✓					
Cell Q-13		10:38	G259		1	✓	✓					
Cell Q-14		11:05	G260		1	✓	✓					
Cell Q-15		11:39	G261		1	✓	✓					
Cell R-8		9:35	G262		1	✓	✓					
Cell R-12		10:17	G263		1	✓	✓					
Cell R-15		11:45	G264		1	✓	✓					
Cell R-16		12:15	G265		1	✓	✓					
Cell R-17		12:20	G266		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Mista Waeta	10.27.99	8:30	Received by: (Signature) Jamie L. Goodman	10.27.99	8:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

Date: 11/17/99

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

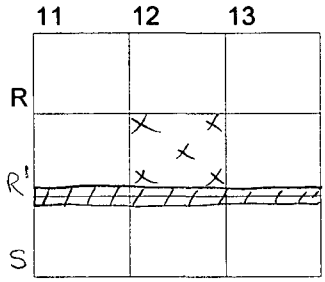
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	10/12/94	Meter # 73047	Lindrith # 39	50
EPNG	04047	10/12/94	Meter # 74407	Lindrith # 3	80
EPNG	04047	10/12/94	Line Drip	2C - 26	10
EPNG	04047	10/12/94	Line Drip	2C - 62	30
EPNG	04047	10/12/94	Meter # 73315	Lindrith # 46	40

Sampling Documentation:



Landfarm # 2 Cell (s): R - 12

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell R-12/G263	PASS	0.0048	0.0391	13.7

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell R -12	Date Reported:	11-03-99
Laboratory Number:	G263	Date Sampled:	10-26-99
Chain of Custody No:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**13.7**	**0.1**
Total Petroleum Hydrocarbons	**13.7**	**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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell R - 12	Date Reported:	11-03-99
Laboratory Number:	G263	Date Sampled:	10-26-99
Chain of Custody:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**4.8**	**0.9**
Toluene	**25.0**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**9.3**	**1.1**
o-Xylene	**ND**	**0.5**
Total BTEX	**39.1**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH-PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-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	**0.5**	**0.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**9.1**	**9.1**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**0.5**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**9.1**	**250**	**259**	**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 G257 - G266.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX -PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	6.3	6.2	1.6%	0 - 30%	0.9
Toluene	8.3	8.1	2.4%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	8.1	7.9	2.5%	0 - 30%	1.1
o-Xylene	6.0	5.9	1.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	6.3	50.0	56.3	100%	39 - 150
Toluene	8.3	50.0	58.3	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	100%	32 - 160
p,m-Xylene	8.1	100.0	108	100%	46 - 148
o-Xylene	6.0	50.0	56.0	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 G257 - G266.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7515

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btex 8021	8015 TPH					Remarks
												Closure Samples
Cell P-16	10.26.99	12:05	G257	Soil	1	✓	✓					
Cell Q-12		10:07	G258		1	✓	✓					
Cell Q-13		10:38	G259		1	✓	✓					
Cell Q-14		11:05	G260		1	✓	✓					
Cell Q-15		11:39	G261		1	✓	✓					
Cell R-8		9:35	G262		1	✓	✓					
Cell R-12		10:17	G263		1	✓	✓					
Cell R-15		11:45	G264		1	✓	✓					
Cell R-16		12:15	G265		1	✓	✓					
Cell R-17		12:20	G266		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mista Waeta	10.27.99	8:30	Dena L. Ofenson	10.27.99	8:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

Date: 11/17/99

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

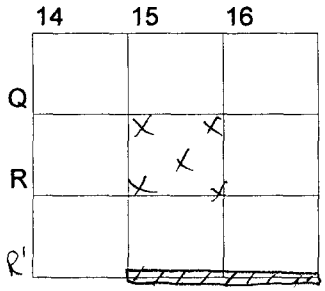
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	11/21/94	Meter # 70645	Rincon # 10	50
EPNG	04047	11/21/94	Meter # 71029	Rincon # 43	50
EPNG	04047	11/22/94	Meter # 70973	Rincon # 44	60
EPNG	04047	11/22/94		Storage Six Pit 2	20

Sampling Documentation:



Landfarm # 2 Cell (s): Q - 15

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell Q-15/G261	PASS	0.0062	0.468	10.8

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J Kinney Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell Q - 15	Date Reported:	11-03-99
Laboratory Number:	G261	Date Sampled:	10-26-99
Chain of Custody No:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.5**	**0.2**
Diesel Range (C10 - C28)	**10.3**	**0.1**
Total Petroleum Hydrocarbons	**10.8**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell Q - 15	Date Reported:	11-03-99
Laboratory Number:	G261	Date Sampled:	10-26-99
Chain of Custody:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6.2**	**0.9**
Toluene	**272**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**140**	**1.1**
o-Xylene	**49.9**	**0.5**
Total BTEX	**468**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH-PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-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	**0.5**	**0.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**9.1**	**9.1**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**0.5**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**9.1**	**250**	**259**	**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 G257 - G266.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX -PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	6.3	6.2	1.6%	0 - 30%	0.9
Toluene	8.3	8.1	2.4%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	8.1	7.9	2.5%	0 - 30%	1.1
o-Xylene	6.0	5.9	1.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	6.3	50.0	56.3	100%	39 - 150
Toluene	8.3	50.0	58.3	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	100%	32 - 160
p,m-Xylene	8.1	100.0	108	100%	46 - 148
o-Xylene	6.0	50.0	56.0	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 G257 - G266.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7515

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Btex 8021	50:5 TPH					Remarks
												Closure Samples
Cell P-16	10.26.99	12:05	G257	Soil	1	✓	✓					
Cell O-12		10:07	G258		1	✓	✓					
Cell O-13		10:38	G259		1	✓	✓					
Cell O-14		11:05	G260		1	✓	✓					
Cell O-15		11:39	G261		1	✓	✓					
Cell R-8		9:35	G262		1	✓	✓					
Cell R-12		10:17	G263		1	✓	✓					
Cell R-15		11:45	G264		1	✓	✓					
Cell R-16		12:15	G265		1	✓	✓					
Cell R-17		12:20	G266		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mista Walter	10.27.99	8:30	Glenn L. Alexander	10.27.99	8:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/17/99

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

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

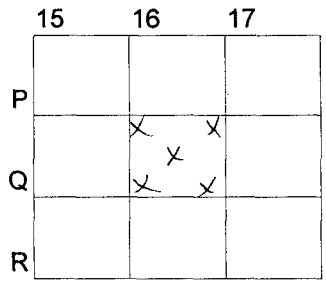
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	01/10/95	Meter # 71046	Rincon # 54	60
EPNG	04047	01/10/95	Meter # 71025	Rincon # 48	30
EPNG	04047	01/10/95	Meter # 70881	Rincon # 27	20
EPNG	04047	01/16/95	Meter # 89638	Johnston Fed 1A	60
EPNG	04047	02/07/95	Line Drip	Trunk D Loop	80

Sampling Documentation:



Landfarm # 2 Cell (s): P - 16

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-16/G257	PASS	0.0063	0.0287	9.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 16	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	10-26-99
Chain of Custody No:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.5**	**0.2**
Diesel Range (C10 - C28)	**9.1**	**0.1**
Total Petroleum Hydrocarbons	**9.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 16	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	10-26-99
Chain of Custody:	7515	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6.3**	**0.9**
Toluene	**8.3**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**8.1**	**1.1**
o-Xylene	**6.0**	**0.5**
Total BTEX	**28.7**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH-PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-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	**0.5**	**0.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**9.1**	**9.1**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**0.5**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**9.1**	**250**	**259**	**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 G257 - G266.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX -PM QA/QC	Date Reported:	11-03-99
Laboratory Number:	G257	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	6.3	6.2	1.6%	0 - 30%	0.9
Toluene	8.3	8.1	2.4%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	8.1	7.9	2.5%	0 - 30%	1.1
o-Xylene	6.0	5.9	1.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	6.3	50.0	56.3	100%	39 - 150
Toluene	8.3	50.0	58.3	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	100%	32 - 160
p,m-Xylene	8.1	100.0	108	100%	46 - 148
o-Xylene	6.0	50.0	56.0	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 G257 - G266.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7515

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	TPH 8015					Remarks
												Closure Samples
Cell P-16	10.26.99	12:05	G257	Soil	1	✓	✓					
Cell Q-12		10:07	G258		1	✓	✓					
Cell Q-13		10:38	G259		1	✓	✓					
Cell Q-14		11:05	G260		1	✓	✓					
Cell Q-15		11:39	G261		1	✓	✓					
Cell R-8		9:35	G262		1	✓	✓					
Cell R-12		10:17	G263		1	✓	✓					
Cell R-15		11:45	G264		1	✓	✓					
Cell R-16		12:15	G265		1	✓	✓					
Cell R-17		12:20	G266		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mista Waeta	10.27.99	8:30	Glenna L Glasscock	10.27.99	8:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/15/99

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
DEC 0 6 1999
Environmental Bureau
Oil Conservation Division

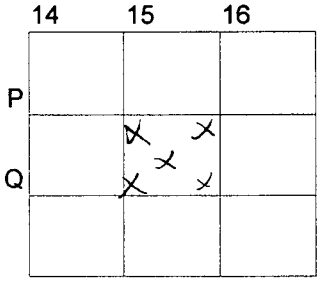
Dear Mr. Anderson:

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	04047	11/14/94	Line Drip	Bisti Comp 6 Drip Y-1	60
EPNG	04047	11/22/94	Meter # 70973	Rincon Unit # 44	30
EPNG	04047	11/22/94		Storage Six Pit # 2	80

Sampling Documentation:



Landfarm # 2 Cell (s): P - 15

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-15/G256	PASS	0.0036	0.0154	52.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J. Kuby Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 15	Date Reported:	11-03-99
Laboratory Number:	G256	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**52.3**	**0.1**
Total Petroleum Hydrocarbons	**52.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 15	Date Reported:	11-03-99
Laboratory Number:	G256	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**3.6**	**0.9**
Toluene	**4.4**	**0.8**
Ethylbenzene	**1.3**	**0.8**
p,m-Xylene	**3.4**	**1.1**
o-Xylene	**2.7**	**0.5**
Total BTEX	**15.4**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Kee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Samples
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christy Walker	10.27.99	8:35	Glenna L. Clifton	10.27.99	8:35
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: 11/15/99

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

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

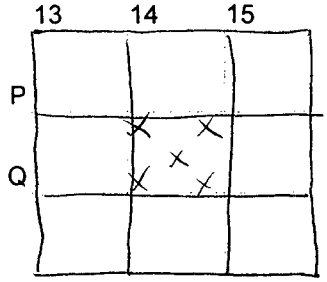
Dear Mr. Anderson:

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

Generator Information:

	Generator	Date	Description	Source Location	Vol cu yd
EPNG	04047	11/10-11/11/99	Line Drip	Bisti Comp 6 Drip Y-1	270

Sampling Documentation:



Landfarm # 2 Cell (s): P - 14

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-14/G255	PASS	0.0097	0.032	1.5

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Montgomery J. Kelly Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 14	Date Reported:	11-03-99
Laboratory Number:	G255	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 14	Date Reported:	11-03-99
Laboratory Number:	G255	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**9.7**	**0.9**
Toluene	**10.1**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**6.1**	**1.1**
o-Xylene	**6.1**	**0.5**
Total BTEX	**32.0**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Kee	**Client No.** 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Samples
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Trista Waska	10.27.99	8:35	Donna L. Ogburn	10.27.99	8:35
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: 11/15/99

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

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

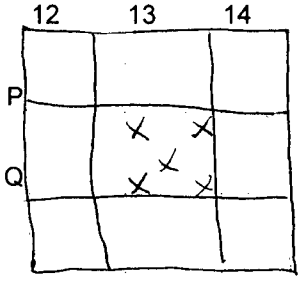
Dear Mr. Anderson:

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

Generator Information:

	Generator	Date	Description	Source Location	Vol cu yd
EPNG	04047	10/27/94	Meter # 72644	Canyon Largo # 141 and # 336	40
EPNG	04047	10/28/94	Line Drip	3C	40
EPNG	04047	10/28/94	Line Drip	3C # 3	50
EPNG	04047	10/28/94	Meter # 93455	Gallegos Canyon # 307	50
EPNG	04047	10/28/94	Line Drip	Lat 3C # 2	10

Sampling Documentation:



Landfarm # 2 Cell (s): P - 13

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-13/G254	PASS	0.0014	0.0216	9.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J. Kieling Date 1-12-2000

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/15/99

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

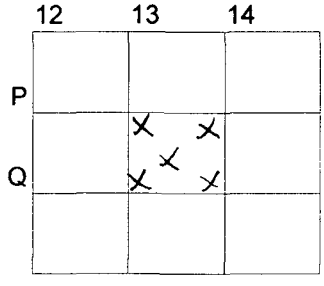
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	10/31-11/1/94	Line Drip	2B Drip X-1	170
EPNG	04047	10/31/94	Line Drip	2B Drip X-3	20
EPNG	04047	11/01/94		McDaniel GC A # 1	20
EPNG	04047	11/01/94		Trunk 2B X-3	80
EPNG	04047	11/02/94		Trunk 2B X-2	70

Sampling Documentation:



Landfarm # 2 Cell (s): P - 13

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-13/G254	PASS	0.0014	0.0216	9.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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

For State Use Only:

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

NMOCD Aztec_____ Date_____

NMOCD Santa Fe_____ Date_____

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 13	Date Reported:	11-03-99
Laboratory Number:	G254	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**9.6**	**0.1**
Total Petroleum Hydrocarbons	**9.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 13	Date Reported:	11-03-99
Laboratory Number:	G254	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.4**	**0.9**
Toluene	**6.5**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**9.3**	**1.1**
o-Xylene	**4.4**	**0.5**
Total BTEX	**21.6**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	**Client No.** 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Samples
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Trista Waeke	10.27.99	8:35	Debra L. Oquenes	10.27.99	8:35
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

Date: 11/15/99

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

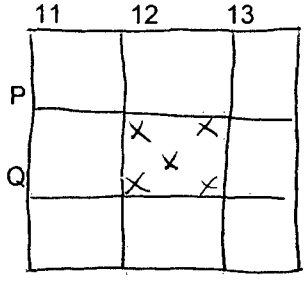
Dear Mr. Anderson:

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

Generator Information:

	Generator	Date	Description	Source Location	Vol cu yd
EPNG	04047	10/13/94	Meter # 90831	Chacon Hill # 2	40
EPNG	04047	10/14/94	Line Drip	2C - 45	40
EPNG	04047	10/31/94		McDaniel GC A-1	20
EPNG	04047	10/31-11/1/94	Line Drip	2B Drip X-1	140
EPNG	04047	10/31-11/1/94	Line Drip	2B Drip X-3	110

Sampling Documentation:



Landfarm # 2 Cell (s): P - 12

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-12/G253	PASS	0.0074	0.188	11.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 12	Date Reported:	11-03-99
Laboratory Number:	G253	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.5**	**0.2**
Diesel Range (C10 - C28)	**10.8**	**0.1**
Total Petroleum Hydrocarbons	**11.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 12	Date Reported:	11-03-99
Laboratory Number:	G253	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**7.4**	**0.9**
Toluene	**14.2**	**0.8**
Ethylbenzene	**12.2**	**0.8**
p,m-Xylene	**110**	**1.1**
o-Xylene	**43.9**	**0.5**
Total BTEX	**188**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Samples
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christy Walker	10.27.99	8:35	Glenna L. Spencer	10.27.99	8:35
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: 11/15/99

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

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

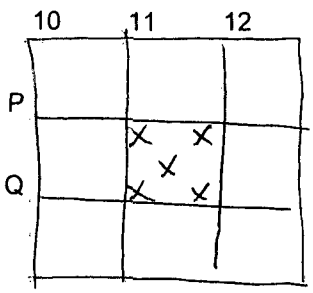
Dear Mr. Anderson:

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

Generator Information:

	Generator	Date	Description	Source Location	Vol cu yd
EPNG	92117-06	09/27/94	Line Drip	Largo Plant Trunk K	84
EPNG	04047	10/10/94	Meter # 93244	WD Hughes # 5	10
EPNG	04047	10/11/94	Meter # 74692	Lindrith # 23	10
EPNG	04047	10/11/94	Meter # 95255	WD Hughes # 7	40
EPNG	04047	10/11/94	Meter # 44242	Lindrith B # 25	60

Sampling Documentation:



Landfarm # 2 Cell (s): P - 11

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-11/G252	PASS	0.0038	0.142	1.1

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Montgomery J. Kent. Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 11	Date Reported:	11-03-99
Laboratory Number:	G252	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P -11	Date Reported:	11-03-99
Laboratory Number:	G252	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**3.8**	**0.9**
Toluene	**46.6**	**0.8**
Ethylbenzene	**3.6**	**0.8**
p,m-Xylene	**64.2**	**1.1**
o-Xylene	**24.2**	**0.5**
Total BTEX	**142**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Samples
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christa Waters	10.27.99	8:35	Lauren L. Ogrodnik	10.27.99	8:35
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

Date: 11/15/99

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

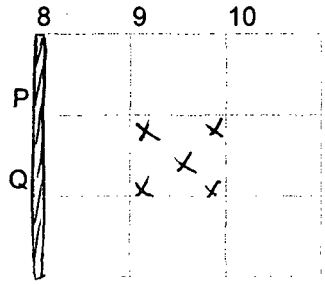
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	92117-11	09/06/94	Drain Line	Chaco Plant (waste water)	22
EPNG	04047	09/27/94	Meter # 71697	Abrams Gas Com # 1	30
EPNG	04047	09/27/94	Meter # 72963	Lackey B-14	30
EPNG	04047	09/27/94	Main Line Drip XI	Lateral LB-29	50
EPNG	04047	09/27/94	Trunk K Line Drip	Largo Plant	40

Sampling Documentation:



Landfarm # 2 Cell (s): P - 09

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell P-09/ G235	PASS	0.0014	0.0143	32.4

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Montgomery J. King Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 9	Date Reported:	10-27-99
Laboratory Number:	G235	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**32.4**	**0.1**
Total Petroleum Hydrocarbons	**32.4**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell P - 9	Date Reported:	10-26-99
Laboratory Number:	G235	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.4**	**0.9**
Toluene	**ND**	**0.8**
Ethylbenzene	**4.0**	**0.8**
p,m-Xylene	**7.9**	**1.1**
o-Xylene	**1.0**	**0.5**
Total BTEX	**14.3**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2	
Sampler: CW & DK	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	Btex 8021					Remarks
												Closure sampling
Cell N-13	10-25-99	12:15	G227	Soil	1	✓	✓					
Cell N-14		12:15	G228		1	✓	✓					
Cell N-15		12:25	G229		1	✓	✓					
Cell N-16		12:25	G230		1	✓	✓					
Cell O-8		12:30	G231		1	✓	✓					
Cell O-9		12:40	G232		1	✓	✓					
Cell O-10		12:45	G233		1	✓	✓					
Cell O-11		12:45	G234		1	✓	✓					
Cell P-9		12:30	G235		1	✓	✓					
Cell P-10		12:40	G236		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10-25-99	13:45	Glenn L. Spencer	10.25.99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/15/99

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

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

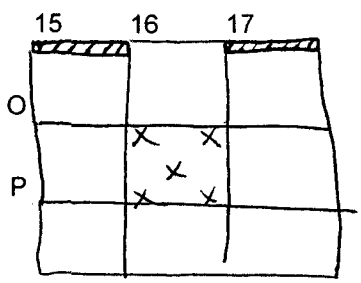
Dear Mr. Anderson:

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

Generator Information:

	Generator	Date	Description	Source Location	Vol cu yd
EPNG	04074	02/08/95	Meter # 75212	Graham # 53	40
EPNG	04047	02/09/95	Meter # 75639	Babbit # 1	100
EPNG	04047	02/09/95	Line Drip	Lat 2C-1	80
EPNG	04047	02/09/95	Meter # 74198	Winger State # 1	40
EPNG	04047	03/15/95	Line Drip	K - 32	40

Sampling Documentation:



Landfarm # 2 Cell (s): O - 16

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-16/G251	PASS	0.0068	0.122	16.5

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Montgomery J. Kings Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 16	Date Reported:	11-03-99
Laboratory Number:	G251	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**16.5**	**0.1**
Total Petroleum Hydrocarbons	**16.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 16	Date Reported:	11-03-99
Laboratory Number:	G251	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6.8**	**0.9**
Toluene	**26.2**	**0.8**
Ethylbenzene	**1.4**	**0.8**
p,m-Xylene	**62.9**	**1.1**
o-Xylene	**24.2**	**0.5**
Total BTEX	**122**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Kee	**Client No.** 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Samples
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christa Waeke	10.27.99	8:35	Theresa L. Ofuna	10.27.99	8:35
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: 11/15/99

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
DEC 0 6 1999
Environmental Bureau
Oil Conservation Division

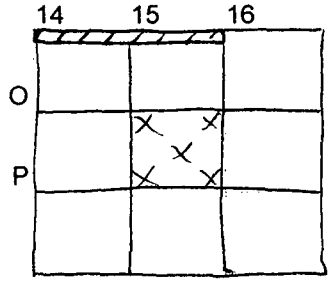
Dear Mr. Anderson:

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	04074	11/28-11/29/94		Storage Six Pit #1	170
EPNG	04047	11/28-11/29/94	Meter # 70970	Rincon Unit # 38	80
EPNG	04047	11/28/94	Meter # 71029	Rincon # 43	20

Sampling Documentation:



Landfarm # 2 Cell (s): O - 15

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-15/G250	PASS	0.0028	0.0381	28.4

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Chris Williams Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 15	Date Reported:	11-03-99
Laboratory Number:	G250	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.8**	**0.2**
Diesel Range (C10 - C28)	**26.6**	**0.1**
Total Petroleum Hydrocarbons	**28.4**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 15	Date Reported:	11-03-99
Laboratory Number:	G250	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**2.8**	**0.9**
Toluene	**13.4**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**15.2**	**1.1**
o-Xylene	**6.7**	**0.5**
Total BTEX	**38.1**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Kee	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Samples
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christy Walker	10.27.99	8:35	Glenna L. Clifton	10.27.99	8:35
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: 11/15/99

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

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

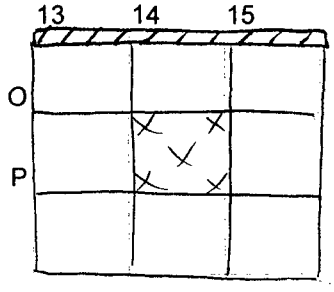
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04074	11/29/94		Storage Six Pit #1	110
EPNG	04047	11/29/94	Meter # 70970	Rincon U # 38	50
EPNG	04047	11/29/94	Meter # 70972	Rincon # 41	120

Sampling Documentation:



Landfarm # 2 Cell (s): O - 14

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-14/G249	PASS	0.0016	0.0478	17.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J. Kieling Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 14	Date Reported:	11-03-99
Laboratory Number:	G249	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.2**	**0.2**
Diesel Range (C10 - C28)	**17.1**	**0.1**
Total Petroleum Hydrocarbons	**17.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 14	Date Reported:	11-03-99
Laboratory Number:	G249	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.6**	**0.9**
Toluene	**1.8**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**34.4**	**1.1**
o-Xylene	**10.0**	**0.5**
Total BTEX	**47.8**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm #2	
Sampler: Donald Lee	**Client No.** 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Samples
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christa Waeta	10.27.99	8:35	Donna L. Ogburn	10.27.99	8:35
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

Date: 11/15/99

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

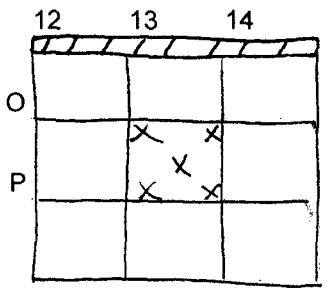
Dear Mr. Anderson:

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

Generator Information:

	Generator	Date	Description	Source Location	Vol cu yd
EPNG	04074	11/30/94	Meter # 70972	Rincon # 41	20
EPNG	04047	11/30/94	Meter # 71045	Rincon # 42	70
EPNG	04047	12/01/94	Meter #71446,71447,71579	Rincon # 66,67,68	130
EPNG	04047	12/01/94	Meter # 71580	Rincon # 70	20
EPNG	04047	12/01/94	Meter # 71578	Rincon # 65	30

Sampling Documentation:



Landfarm # 2 Cell (s): O - 13

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-13/ G248	PASS	<0.0009	<0.0011	12.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J. Kieling Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 13	Date Reported:	11-03-99
Laboratory Number:	G248	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.5**	**0.2**
Diesel Range (C10 - C28)	**11.7**	**0.1**
Total Petroleum Hydrocarbons	**12.2**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 13	Date Reported:	11-03-99
Laboratory Number:	G248	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**ND**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**ND**	**1.1**
o-Xylene	**ND**	**0.5**
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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location
Envirotech	Landfarm #2
Sampler:	**Client No.**
Donald Kee	91020-02

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021	Remarks
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓	Closure Samples
Cell O-13		10:20	G248		1	✓	✓	
Cell O-14		10:45	G249		1	✓	✓	
Cell O-15		11:19	G250		1	✓	✓	
Cell O-16		11:56	G251		1	✓	✓	
Cell P-11		9:48	G252		1	✓	✓	
Cell P-12		10:00	G253		1	✓	✓	
Cell P-13		10:29	G254		1	✓	✓	
Cell P-14		10:55	G255		1	✓	✓	
Cell P-15		11:28	G256		1	✓	✓	

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christa Waela	10.27.99	8:35	Delena L. Spencer	10.27.99	8:35
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: 11/15/99

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

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

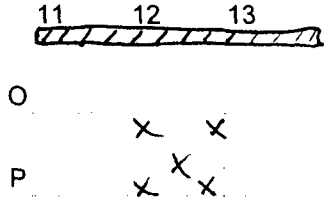
Dear Mr. Anderson:

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

Generator Information:

	Generator	Date	Description	Source Location	Vol cu yd
EPNG	04074	12/01/94	Meter # 71580	Rincon # 70	80
EPNG	04047	12/01/94	Meter # 71578	Rincon # 65	60
EPNG	04047	12/01/94	Meter # 70651	Rincon # 22	70
EPNG	04047	12/01/94	Meter # 70892	Rincon # 31	30
EPNG	04047	12/05/94	Meter # 14269	South Lybrook Station	1

Sampling Documentation:



Landfarm # 2 Cell (s): O - 12

Sample Date: 10/26/99 Sampler: DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-12/ G24	PASS	<0.0009	<0.0011	0.9

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Montgomery J. Kisly Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 12	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	10-26-99
Chain of Custody No:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Extracted:	11-01-99
Preservative:	Cool	Date Analyzed:	11-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 12	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	10-26-99
Chain of Custody:	7514	Date Received:	10-27-99
Sample Matrix:	Soil	Date Analyzed:	11-02-99
Preservative:	Cool	Date Extracted:	11-01-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**ND**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**ND**	**1.1**
o-Xylene	**ND**	**0.5**
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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-02-TPH QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**0.9**	**0.9**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**0.9**	**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 G247 - G256.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	11-02-BTEX QA/QC	Date Reported:	11-03-99
Laboratory Number:	G247	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-02-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.5053E-001	1.5090E-001	0.2%	ND	0.2
Toluene	3.0995E-001	3.1051E-001	0.2%	ND	0.2
Ethylbenzene	8.9920E-002	9.0109E-002	0.2%	ND	0.2
p,m-Xylene	2.7841E-001	2.7911E-001	0.3%	ND	0.2
o-Xylene	2.6467E-002	2.6512E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	0.8
Ethylbenzene	ND	ND	0.0%	0 - 30%	0.8
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.1
o-Xylene	ND	ND	0.0%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100%	39 - 150
Toluene	ND	50.0	50.0	100%	46 - 148
Ethylbenzene	ND	50.0	50.0	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 G247 - G256.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7514

Client / Project Name	Project Location
Envirotech	Landfarm #2
Sampler: Donald Kee	**Client No.** 91020-02

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
Cell O-12	10.26.99	9:55	G247	Soil	1	✓	✓					Closure Samples
Cell O-13		10:20	G248		1	✓	✓					
Cell O-14		10:45	G249		1	✓	✓					
Cell O-15		11:19	G250		1	✓	✓					
Cell O-16		11:56	G251		1	✓	✓					
Cell P-11		9:48	G252		1	✓	✓					
Cell P-12		10:00	G253		1	✓	✓					
Cell P-13		10:29	G254		1	✓	✓					
Cell P-14		10:55	G255		1	✓	✓					
Cell P-15		11:28	G256		1	✓	✓					

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christy Walker	10.27.99	8:35	Jamie L. Cheney	10.27.99	8:35
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: 11/15/99

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
DEC 0 6 1999
Environmental Bureau
Oil Conservation Division

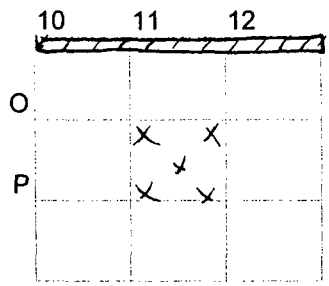
Dear Mr. Anderson:

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	04047	06/28/95	Meter# 74692	Lindrith # 23	60
EPNG	04047	06/29/95	Meter# 93790	Chacon Amigos # 6	140

Sampling Documentation:



Landfarm # 2 Cell (s): O - 11

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-11/ G234	PASS	0.0019	0.0141	93

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J. Kuly Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 11	Date Reported:	10-27-99
Laboratory Number:	G234	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**93.0**	**0.1**
Total Petroleum Hydrocarbons	**93.0**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 11	Date Reported:	10-26-99
Laboratory Number:	G234	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.9**	**0.9**
Toluene	**ND**	**0.8**
Ethylbenzene	**3.0**	**0.8**
p,m-Xylene	**7.9**	**1.1**
o-Xylene	**1.3**	**0.5**
Total BTEX	**14.1**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2	
Sampler: CW & DK	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	Btex 8021					Remarks
												Closure sampling
Cell N-13	10.25.99	12:15	G227	Soil	1	✓	✓					
Cell N-14		12:15	G228		1	✓	✓					
Cell N-15		12:25	G229		1	✓	✓					
Cell N-16		12:25	G230		1	✓	✓					
Cell O-8		12:30	G231		1	✓	✓					
Cell O-9		12:40	G232		1	✓	✓					
Cell O-10		12:45	G233		1	✓	✓					
Cell O-11		12:45	G234		1	✓	✓					
Cell P-9		12:30	G235		1	✓	✓					
Cell P-10		12:40	G236		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10.25.99	13:45	Glenn L. Spencer	10.25.99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/15/99

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
DEC 06 1999
Environmental Bureau
Oil Conservation Division

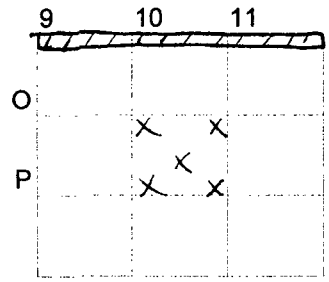
Dear Mr. Anderson:

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 Cell (s): O - 10

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-10/ G23	PASS	0.0015	0.0139	11.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 10	Date Reported:	10-27-99
Laboratory Number:	G233	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**11.3**	**0.1**
Total Petroleum Hydrocarbons	**11.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 10	Date Reported:	10-26-99
Laboratory Number:	G233	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.5**	**0.9**
Toluene	**ND**	**0.8**
Ethylbenzene	**2.4**	**0.8**
p,m-Xylene	**10.0**	**1.1**
o-Xylene	**ND**	**0.5**
Total BTEX	**13.9**	

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 Closure Sample.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2	
Sampler: CW & DK	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	Btex 8021					Remarks
												Closure Sampling
Cell N-13	10.25.99	12:15	G227	Soil	1	✓	✓					
Cell N-14		12:15	G228		1	✓	✓					
Cell N-15		12:25	G229		1	✓	✓					
Cell N-16		12:25	G230		1	✓	✓					
Cell O-8		12:30	G231		1	✓	✓					
Cell O-9		12:40	G232		1	✓	✓					
Cell O-10		12:45	G233		1	✓	✓					
Cell O-11		12:45	G234		1	✓	✓					
Cell P-9		12:30	G235		1	✓	✓					
Cell P-10		12:40	G236		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10.25.99	13:45	Glenn L. Spencer	10.25.99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 06 1999

Environmental Bureau
Oil Conservation Division

Date: 11/15/99

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

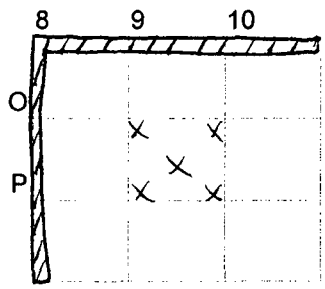
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	8/22-8/30/95	Meter# 24324	San Juan 28-7-23	264

Sampling Documentation:



Landfarm # 2 Cell (s): O - 09

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-09/ G23	PASS	0.0014	0.0257	55.9

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J. Kieling Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 9	Date Reported:	10-27-99
Laboratory Number:	G232	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**55.9**	**0.1**
Total Petroleum Hydrocarbons	**55.9**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 9	Date Reported:	10-26-99
Laboratory Number:	G232	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.4**	**0.9**
Toluene	**ND**	**0.8**
Ethylbenzene	**4.5**	**0.8**
p,m-Xylene	**13.1**	**1.1**
o-Xylene	**6.7**	**0.5**
Total BTEX	**25.7**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location
Envirotech	Landfarm 2
Sampler:	**Client No.**
CW & DK	91020-02

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Sampling
Cell N-13	10.25.99	12:15	G227	Soil	1	✓	✓					
Cell N-14		12:15	G228		1	✓	✓					
Cell N-15		12:25	G229		1	✓	✓					
Cell N-16		12:25	G230		1	✓	✓					
Cell O-8		12:30	G231		1	✓	✓					
Cell O-9		12:40	G232		1	✓	✓					
Cell O-10		12:45	G233		1	✓	✓					
Cell O-11		12:45	G234		1	✓	✓					
Cell P-9		12:30	G235		1	✓	✓					
Cell P-10		12:40	G236		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10.25.99	13:45	Glenn R. Spruell	10.25.99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED

DEC 0 6 1999

Environmental Bureau
Oil Conservation Division

Date: 11/15/99

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

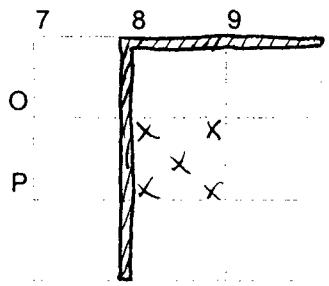
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	10/10/94	Meter# 93244	WD Hughes # 5	40
EPNG	04047	10/10-10/11/94	Meter# 93224	Hughes Fed Com # 1	120
EPNG	04047	10/11/94	Meter# 87915	WD Hughes # 1	50
EPNG	04047	10/11/94	Meter# 94967	Lindrith B - 24	60

Sampling Documentation:



Landfarm # 2 Cell (s): O - 08

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell O-08/ G231	PASS	0.0016	0.0373	36.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Martyne J. Kupf Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 8	Date Reported:	10-27-99
Laboratory Number:	G231	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**36.3**	**0.1**
Total Petroleum Hydrocarbons	**36.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell O - 8	Date Reported:	10-26-99
Laboratory Number:	G231	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.6**	**0.9**
Toluene	**ND**	**0.8**
Ethylbenzene	**3.9**	**0.8**
p,m-Xylene	**19.0**	**1.1**
o-Xylene	**12.8**	**0.5**
Total BTEX	**37.3**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2	
Sampler: CW & DK	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Sampling
Cell N-13	10.25.99	12:15	G227	Soil	1	✓	✓					
Cell N-14	"	12:15	G228	"	1	✓	✓					
Cell N-15	"	12:25	G229	"	1	✓	✓					
Cell N-16	"	12:25	G230	"	1	✓	✓					
Cell O-8	"	12:30	G231	"	1	✓	✓					
Cell O-9	"	12:40	G232	"	1	✓	✓					
Cell O-10	"	12:45	G233	"	1	✓	✓					
Cell O-11	"	12:45	G234	"	1	✓	✓					
Cell P-9	"	12:30	G235	"	1	✓	✓					
Cell P-10	"	12:40	G236	"	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10.25.99	13:45	Glenn R. Spruell	10.25.99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/15/99

RECEIVED
DEC 06 1999
Environmental Bureau
Oil Conservation Division

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

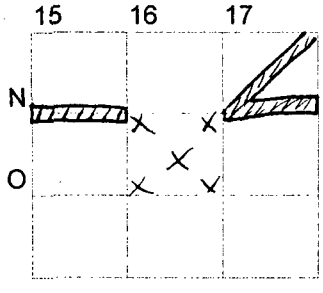
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	02/21/95	Meter# 75703	Howell K no 2R	70
EPNG	04047	02/21/95	Meter# 89987	Gartner A-5A	20
EPNG	04047	02/21/95	Meter# 72900	Evenson - 2	20

Sampling Documentation:



Landfarm # 2 Cell (s): N - 16

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-16/ G23(	PASS	0.0017	0.0335	< 0.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe Martyna J. Kieft Date 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell N - 16	Date Reported:	10-27-99
Laboratory Number:	G230	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell N - 16	Date Reported:	10-26-99
Laboratory Number:	G230	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.7**	**0.9**
Toluene	**3.7**	**0.8**
Ethylbenzene	**4.2**	**0.8**
p,m-Xylene	**13.5**	**1.1**
o-Xylene	**10.4**	**0.5**
Total BTEX	**33.5**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2	

Sampler:	Client No.
CW & DK	91020-02

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	Btex 8021					Remarks
												Closure sampling
Cell N-13	10.25.99	12:15	G227	Soil	1	✓	✓					
Cell N-14		12:15	G228		1	✓	✓					
Cell N-15		12:25	G229		1	✓	✓					
Cell N-16		12:25	G230		1	✓	✓					
Cell O-8		12:30	G231		1	✓	✓					
Cell O-9		12:40	G232		1	✓	✓					
Cell O-10		12:45	G233		1	✓	✓					
Cell O-11		12:45	G234		1	✓	✓					
Cell P-9		12:30	G235		1	✓	✓					
Cell P-10		12:40	G236		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10.25.99	13:45	Glenn L. Spencer	10.25.99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/15/99

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
DEC 06 1999
Environmental Bureau
Oil Conservation Division

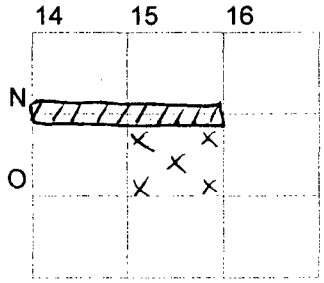
Dear Mr. Anderson:

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	04047	12/08/94	Meter# 70892/71592	Rincon # 31 and # 62	100
EPNG	04047	12/13/94	Meter# 73108/71125	Rincon U # 162 and # 53	100
EPNG	04047	02/10/95	Meter# 73310	Rincon # 141	30
EPNG	04047	03/08/95	Meter# 71895	Rincon # 98	40
EPNG	04047	09/06/95	Meter# 72890	Ohio C. Gov't # 3	86

Sampling Documentation:



Landfarm # 2 Cell (s): N - 15

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-15/ G22[illegible]	PASS	0.0019	0.0169	0.7

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 1-12-2000

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell N - 15	Date Reported:	10-27-99
Laboratory Number:	G229	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell N - 15	Date Reported:	10-26-99
Laboratory Number:	G229	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1.9**	**0.9**
Toluene	**3.7**	**0.8**
Ethylbenzene	**2.3**	**0.8**
p,m-Xylene	**9.0**	**1.1**
o-Xylene	**ND**	**0.5**
Total BTEX	**16.9**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2	
Sampler: CW & DK	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure Sampling
Cell N-13	10-25-99	12:15	G227	Soil	1	✓	✓					
Cell N-14		12:15	G228		1	✓	✓					
Cell N-15		12:25	G229		1	✓	✓					
Cell N-16		12:25	G230		1	✓	✓					
Cell O-8		12:30	G231		1	✓	✓					
Cell O-9		12:40	G232		1	✓	✓					
Cell O-10		12:45	G233		1	✓	✓					
Cell O-11		12:45	G234		1	✓	✓					
Cell P-9		12:30	G235		1	✓	✓					
Cell P-10		12:40	G236		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10-25-99	13:45	Glenn R. Spruell	10-25-99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/15/99

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
DEC 0 6 1999
Environmental Bureau
Oil Conservation Division

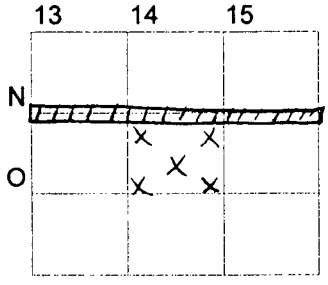
Dear Mr. Anderson:

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	04047	12/13/94	Meter# 73310/71895	Rincon # 141 and # 98	60
EPNG	04047	02/09/95	Meter # 75639	Babbit # 1	30
EPNG	04047	02/10/95	Meter # 93974	Red Fern # 7	20
EPNG	92117-14	03/08/95		Bosti # 65	60

Sampling Documentation:



Landfarm # 2 Cell (s): N - 14

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-14/ G228	PASS	0.0033	0.0288	0.8

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 Montgomery J. Kisp. Date 1-12-00

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell N - 14	Date Reported:	10-27-99
Laboratory Number:	G228	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell N - 14	Date Reported:	10-26-99
Laboratory Number:	G228	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**3.3**	**0.9**
Toluene	**5.2**	**0.8**
Ethylbenzene	**3.5**	**0.8**
p,m-Xylene	**16.8**	**1.1**
o-Xylene	**ND**	**0.5**
Total BTEX	**28.8**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location
Envirotech	Landfarm 2
Sampler:	**Client No.**
CW & DK	91020-02

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure sampling
Cell N-13	10.25.99	12:15	G227	Soil	1	✓	✓					
Cell N-14		12:15	G228		1	✓	✓					
Cell N-15		12:25	G229		1	✓	✓					
Cell N-16		12:25	G230		1	✓	✓					
Cell O-8		12:30	G231		1	✓	✓					
Cell O-9		12:40	G232		1	✓	✓					
Cell O-10		12:45	G233		1	✓	✓					
Cell O-11		12:45	G234		1	✓	✓					
Cell P-9		12:30	G235		1	✓	✓					
Cell P-10		12:40	G236		1	✓	✓					

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10.25.99	13:45	Glenn R. Ojeman	10.25.99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 11/12/99

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
DEC 06 1999
Environmental Bureau
Oil Conservation Division

Dear Mr. Anderson:

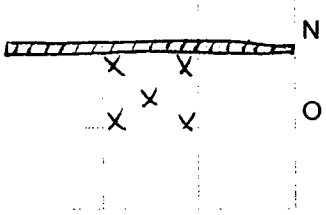
Envirotech, Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ESRF) Hilltop, New Mexico.

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPNG	04047	06/15/95	Meter # 74652	Lindrith #23	80
EPNG	04047	06/19/95		Lindrith Pigging Station Y-1	150

Sampling Documentation:

12 13 14



Landfarm # 2 Cell (s): N - 13

Sample Date: 10/25/99 Sampler: CW & DK

Type: 5 PT COMPOSITE Analysis: TPH & BTEX

Results:

Sample ID	Pass/ Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell N-13/ G227	PASS	0.0057	0.0436	23.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

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 1-12-00

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102002
Sample ID:	Cell N - 13	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	10-25-99
Chain of Custody No:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Extracted:	10-25-99
Preservative:	Cool	Date Analyzed:	10-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**23.3**	**0.1**
Total Petroleum Hydrocarbons	**23.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm 2 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102002
Sample ID:	Cell N - 13	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	10-25-99
Chain of Custody:	7509	Date Received:	10-25-99
Sample Matrix:	Soil	Date Analyzed:	10-26-99
Preservative:	Cool	Date Extracted:	10-25-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**5.7**	**0.9**
Toluene	**7.4**	**0.8**
Ethylbenzene	**4.0**	**0.8**
p,m-Xylene	**21.1**	**1.1**
o-Xylene	**5.4**	**0.5**
Total BTEX	**43.6**	

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 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-26-TPH QA/QC	Date Reported:	10-27-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	2.6200E-002	2.6173E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	2.7356E-002	2.7301E-002	**0.20%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**23.3**	**23.2**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**23.3**	**250**	**273**	**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 G227 - G236.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-26-BTEX QA/QC	Date Reported:	10-26-99
Laboratory Number:	G227	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-99
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	2.5709E-001	2.5771E-001	0.2%	ND	0.2
Toluene	3.6552E-001	3.6618E-001	0.2%	ND	0.2
Ethylbenzene	6.5884E-002	6.6022E-002	0.2%	ND	0.2
p,m-Xylene	5.8222E-002	5.8368E-002	0.3%	ND	0.2
o-Xylene	5.4741E-002	5.4834E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	5.7	5.8	1.8%	0 - 30%	0.9
Toluene	7.4	7.4	0.0%	0 - 30%	0.8
Ethylbenzene	4.0	4.0	0.0%	0 - 30%	0.8
p,m-Xylene	21.1	21.1	0.0%	0 - 30%	1.1
o-Xylene	5.4	5.5	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.7	50.0	55.7	100%	39 - 150
Toluene	7.4	50.0	57.4	100%	46 - 148
Ethylbenzene	4.0	50.0	54.0	100%	32 - 160
p,m-Xylene	21.1	100.0	121	100%	46 - 148
o-Xylene	5.4	50.0	55.4	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 G227 - G236.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7509

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2	
Sampler: CW & DK	Client No. 91020-02	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX 8021					Remarks
												Closure sampling
Cell N-13	10.25.99	12:15	G227	Soil	1	✓	✓					
Cell N-14		12:15	G228		1	✓	✓					
Cell N-15		12:25	G229		1	✓	✓					
Cell N-16		12:25	G230		1	✓	✓					
Cell O-8		12:30	G231		1	✓	✓					
Cell O-9		12:40	G232		1	✓	✓					
Cell O-10		12:45	G233		1	✓	✓					
Cell O-11		12:45	G234		1	✓	✓					
Cell P-9		12:30	G235		1	✓	✓					
Cell P-10		12:46	G236		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Christine Walsh	10.25.99	13:45	Glenn R. Spruell	10.25.99	13:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 9/07/99

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

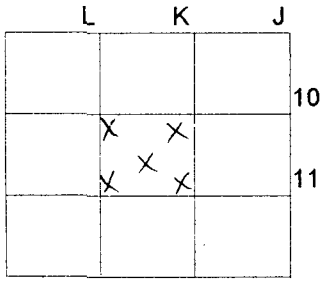
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-03	11/20/95	Meter # 93780	Argo # 1E	250
EPFS	96003-03	11/20/95	Meter # 94298	Valdez Gas Unit A # 1E-CH	20
EPFS	96003-39	10/20/98		Hare Gas Com IE	130
EPFS	96003-39	10/21/98		San Jacinto # 5	56
EPFS	96003-39	10/27/98		Atlantic BLS #7	60

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): K - 10

Sample Date: 8/10/99 Sampler: KW

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 K-10/ F868	PASS	0.0116	0.149	36.1

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Martyne J. Kelly Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 10	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	08-10-99
Chain of Custody:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**11.6**	**0.9**
Toluene	**65.7**	**0.8**
Ethylbenzene	**11.6**	**0.8**
p,m-Xylene	**44.3**	**1.1**
o-Xylene	**15.6**	**0.5**
Total BTEX	**149**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 10	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	08-10-99
Chain of Custody No:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**7.0**	**0.2**
Diesel Range (C10 - C28)	**29.1**	**0.1**
Total Petroleum Hydrocarbons	**36.1**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-PM-TPH QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**7.0**	**6.9**	**1.4%**	**0 - 30%**
Diesel Range C10 - C28	**29.1**	**29.0**	**0.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**7.0**	**250**	**256**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**29.1**	**250**	**279**	**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 F868 - F876 and F882.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-PM-BTEX QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	11.6	11.5	0.9%	0 - 30%	0.9
Toluene	65.7	64.6	1.7%	0 - 30%	0.8
Ethylbenzene	11.6	11.4	1.7%	0 - 30%	0.8
p,m-Xylene	44.3	43.7	1.4%	0 - 30%	1.1
o-Xylene	15.6	15.4	1.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	11.6	50.0	61.6	100%	39 - 150
Toluene	65.7	50.0	116	100%	46 - 148
Ethylbenzene	11.6	50.0	61.6	100%	32 - 160
p,m-Xylene	44.3	100.0	144	100%	46 - 148
o-Xylene	15.6	50.0	65.6	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 F868 - F875 and F882.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7268

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell K-10	8.10.99	10:40	F868	SOIL		✓	✓					
Cell E-11	"	9:45	F869	"		✓	✓					
Cell F-11	"	9:40	F870	"		✓	✓					
Cell G-11	"	9:35	F871	"		✓	✓					
Cell H-11	"	9:30	F872	"		✓	✓					
Cell I-11	"	9:25	F873	"		✓	✓					
Cell J-11	"	9:20	F874	"		✓	✓					
Cell K-11	"	9:15	F875	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8.10.99	15:00	[signature]	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 9/07/99

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

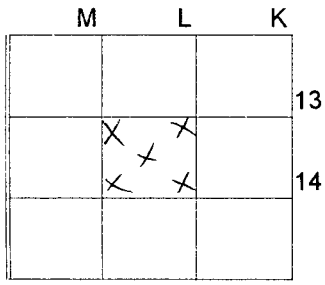
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003	11/20/95	Meter # 93780	Argo # 1E	170
EPFS	96003-17	04/24/97	South Sump	Blanco	340
EPFS	96003-23	08/11/97		Jicarilla Apache Corp 396 # 9	106
EPFS	96003-22	07/15/97		Sandoval Com A 1A	144
EPFS	96003-29	10/17/97		Gallegos Canyon # 170	180bbls

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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 L-13/ F832	PASS	0.0138	0.565	60.5

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 13	Date Reported:	08-11-99
Laboratory Number:	F832	Date Sampled:	08-05-99
Chain of Custody:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**13.8**	**0.9**
Toluene	**104**	**0.8**
Ethylbenzene	**33.6**	**0.8**
p,m-Xylene	**321**	**1.1**
o-Xylene	**91.8**	**0.5**
Total BTEX	**565**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 13	Date Reported:	08-11-99
Laboratory Number:	F832	Date Sampled:	08-05-99
Chain of Custody No:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**5.9**	**0.2**
Diesel Range (C10 - C28)	**54.6**	**0.1**
Total Petroleum Hydrocarbons	**60.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-TPH QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**23.2**	**23.1**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**48.8**	**48.7**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.2**	**250**	**273**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**48.8**	**250**	**298**	**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 F827 - F836.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-BTEX QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	62.1	61.1	1.6%	0 - 30%	0.9
Toluene	220	216	2.0%	0 - 30%	0.8
Ethylbenzene	71.9	70.5	1.9%	0 - 30%	0.8
p,m-Xylene	464	455	1.8%	0 - 30%	1.1
o-Xylene	134	132	1.2%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	62.1	50.0	112	100%	39 - 150
Toluene	220	50.0	270	100%	46 - 148
Ethylbenzene	71.9	50.0	122	100%	32 - 160
p,m-Xylene	464	100.0	563	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 F827 - F836.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7263

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell K-10	8.5.99	11:05	F827	SOIL		✓	✓					
Cell K-11		11:20	F828			✓	✓					
Cell K-12		10:15	F829			✓	✓					
Cell K-13		10:10	F830			✓	✓					
Cell L-12		10:30	F831			✓	✓					
Cell L-13		10:25	F832			✓	✓					
Cell M-10		11:15	F833			✓	✓					
Cell M-11		11:00	F834			✓	✓					
Cell M-12		10:45	F835			✓	✓					
Cell M-13		10:35	F836			✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8-5-99	1400
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: 9/07/99

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

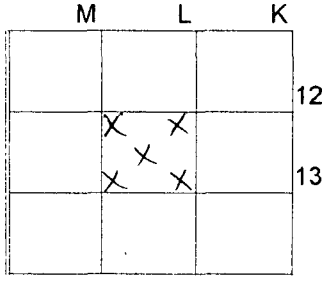
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003	11/14/95	Line Drip	Trunk D - Line Loop D-8	180
EPFS	96003	11/14/95	Meter # 89039	Marshall B # 1-J	90
EPFS	96003-22	07/16/97		Sandoval Com A 1A	288

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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 L-12/ F831	PASS	0.127	3.28	24

Respectfully submitted,
Envirotech, Inc.
Christine M Walters
Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 12	Date Reported:	08-11-99
Laboratory Number:	F831	Date Sampled:	08-05-99
Chain of Custody:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**127**	**0.9**
Toluene	**641**	**0.8**
Ethylbenzene	**154**	**0.8**
p,m-Xylene	**1,940**	**1.1**
o-Xylene	**420**	**0.5**
Total BTEX	**3,280**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 12	Date Reported:	08-11-99
Laboratory Number:	F831	Date Sampled:	08-05-99
Chain of Custody No:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**5.1**	**0.2**
Diesel Range (C10 - C28)	**18.9**	**0.1**
Total Petroleum Hydrocarbons	**24.0**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-TPH QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**23.2**	**23.1**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**48.8**	**48.7**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.2**	**250**	**273**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**48.8**	**250**	**298**	**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 F827 - F836.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-BTEX QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	62.1	61.1	1.6%	0 - 30%	0.9
Toluene	220	216	2.0%	0 - 30%	0.8
Ethylbenzene	71.9	70.5	1.9%	0 - 30%	0.8
p,m-Xylene	464	455	1.8%	0 - 30%	1.1
o-Xylene	134	132	1.2%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	62.1	50.0	112	100%	39 - 150
Toluene	220	50.0	270	100%	46 - 148
Ethylbenzene	71.9	50.0	122	100%	32 - 160
p,m-Xylene	464	100.0	563	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 F827 - F836.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7263

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell K-10	8.5.99	11:05	F827	SOIL		✓	✓					
Cell K-11		11:20	F828			✓	✓					
Cell K-12		10:15	F829			✓	✓					
Cell K-13		10:10	F830			✓	✓					
Cell L-12		10:30	F831			✓	✓					
Cell L-13		10:25	F832			✓	✓					
Cell M-10		11:15	F833			✓	✓					
Cell M-11		11:00	F834			✓	✓					
Cell M-12		10:45	F835			✓	✓					
Cell M-13		10:35	F836			✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8-5-99	1400
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: 9/07/99

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

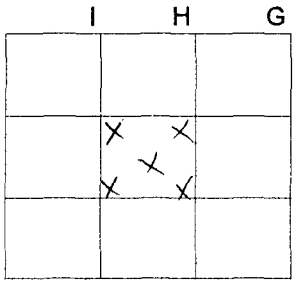
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd

Sampling Documentation:



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

Sample Date: 8/10/99 Sampler: KW

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-11/ F872	PASS	0.012	0.165	72.8

Respectfully submitted,
Envirotech, Inc.

Christine M Walters
Labatory 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 Martyne J Kuby Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 11	Date Reported:	08-12-99
Laboratory Number:	F872	Date Sampled:	08-10-99
Chain of Custody:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**12.0**	**0.9**
Toluene	**66.8**	**0.8**
Ethylbenzene	**6.0**	**0.8**
p,m-Xylene	**63.4**	**1.1**
o-Xylene	**17.0**	**0.5**
Total BTEX	**165**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 11	Date Reported:	08-12-99
Laboratory Number:	F872	Date Sampled:	08-10-99
Chain of Custody No:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**72.8**	**0.1**
Total Petroleum Hydrocarbons	**72.8**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-PM-TPH QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**7.0**	**6.9**	**1.4%**	**0 - 30%**
Diesel Range C10 - C28	**29.1**	**29.0**	**0.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**7.0**	**250**	**256**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**29.1**	**250**	**279**	**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 F868 - F876 and F882.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-PM-BTEX QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	11.6	11.5	0.9%	0 - 30%	0.9
Toluene	65.7	64.6	1.7%	0 - 30%	0.8
Ethylbenzene	11.6	11.4	1.7%	0 - 30%	0.8
p,m-Xylene	44.3	43.7	1.4%	0 - 30%	1.1
o-Xylene	15.6	15.4	1.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	11.6	50.0	61.6	100%	39 - 150
Toluene	65.7	50.0	116	100%	46 - 148
Ethylbenzene	11.6	50.0	61.6	100%	32 - 160
p,m-Xylene	44.3	100.0	144	100%	46 - 148
o-Xylene	15.6	50.0	65.6	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 F868 - F875 and F882.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7268

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell K-10	8.10.99	10:40	F868	SOIL		✓	✓					
Cell E-11	"	9:45	F869	"		✓	✓					
Cell F-11	"	9:40	F870	"		✓	✓					
Cell G-11	"	9:35	F871	"		✓	✓					
Cell H-11	"	9:30	F872	"		✓	✓					
Cell I-11	"	9:25	F873	"		✓	✓					
Cell J-11	"	9:20	F874	"		✓	✓					
Cell K-11	"	9:15	F875	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8.10.99	15:00	[signature]	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 9/07/99

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

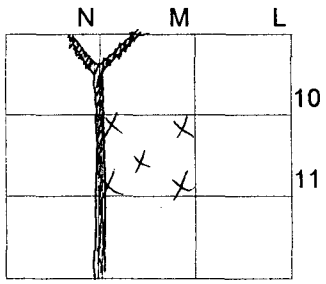
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 96003	11/07/95	Meter # 94495	Miles Fed. 1E MJ	108
EPFS 96003	11/07/95	Meter # 94161	Lalazar G-24-2	82

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): M - 10

Sample Date: 8/05/99 Sampler: KW

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 M-10/ F833	PASS	0.0839	0.985	21.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 10	Date Reported:	08-11-99
Laboratory Number:	F833	Date Sampled:	08-05-99
Chain of Custody:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**83.9**	**0.9**
Toluene	**49.2**	**0.8**
Ethylbenzene	**18.3**	**0.8**
p,m-Xylene	**223**	**1.1**
o-Xylene	**610**	**0.5**
Total BTEX	**985**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 10	Date Reported:	08-11-99
Laboratory Number:	F833	Date Sampled:	08-05-99
Chain of Custody No:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-11-99
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)	**18.0**	**0.1**
Total Petroleum Hydrocarbons	**21.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-TPH QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**23.2**	**23.1**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**48.8**	**48.7**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.2**	**250**	**273**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**48.8**	**250**	**298**	**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 F827 - F836.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-BTEX QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	62.1	61.1	1.6%	0 - 30%	0.9
Toluene	220	216	2.0%	0 - 30%	0.8
Ethylbenzene	71.9	70.5	1.9%	0 - 30%	0.8
p,m-Xylene	464	455	1.8%	0 - 30%	1.1
o-Xylene	134	132	1.2%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	62.1	50.0	112	100%	39 - 150
Toluene	220	50.0	270	100%	46 - 148
Ethylbenzene	71.9	50.0	122	100%	32 - 160
p,m-Xylene	464	100.0	563	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 F827 - F836.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7263

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell K-10	8.5.99	11:05	F827	SOIL		✓	✓					
Cell K-11		11:20	F828			✓	✓					
Cell K-12		10:15	F829			✓	✓					
Cell K-13		10:10	F830			✓	✓					
Cell L-12		10:30	F831			✓	✓					
Cell L-13		10:25	F832			✓	✓					
Cell M-10		11:15	F833			✓	✓					
Cell M-11		11:00	F834			✓	✓					
Cell M-12		10:45	F835			✓	✓					
Cell M-13		10:35	F836			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8.5.99	14:00		8.5.99	1400
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: 9/07/99

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

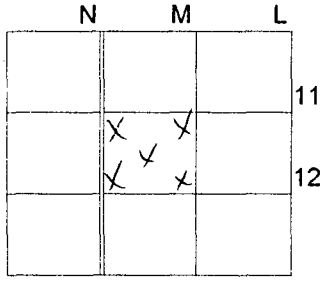
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 96003	11/09/95	Meter # 03913	Canyon Largo 3 314	246

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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 M-11/ F834	PASS	0.0236	0.201	40.5

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 11	Date Reported:	08-11-99
Laboratory Number:	F834	Date Sampled:	08-05-99
Chain of Custody:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**23.6**	**0.9**
Toluene	**20.2**	**0.8**
Ethylbenzene	**8.8**	**0.8**
p,m-Xylene	**101**	**1.1**
o-Xylene	**47.2**	**0.5**
Total BTEX	**201**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 11	Date Reported:	08-11-99
Laboratory Number:	F834	Date Sampled:	08-05-99
Chain of Custody No:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**23.1**	**0.2**
Diesel Range (C10 - C28)	**17.4**	**0.1**
Total Petroleum Hydrocarbons	**40.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-TPH QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**23.2**	**23.1**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**48.8**	**48.7**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.2**	**250**	**273**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**48.8**	**250**	**298**	**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 F827 - F836.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-BTEX QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	62.1	61.1	1.6%	0 - 30%	0.9
Toluene	220	216	2.0%	0 - 30%	0.8
Ethylbenzene	71.9	70.5	1.9%	0 - 30%	0.8
p,m-Xylene	464	455	1.8%	0 - 30%	1.1
o-Xylene	134	132	1.2%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	62.1	50.0	112	100%	39 - 150
Toluene	220	50.0	270	100%	46 - 148
Ethylbenzene	71.9	50.0	122	100%	32 - 160
p,m-Xylene	464	100.0	563	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 F827 - F836.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7263

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell K-10	8.5.99	11:05	F827	SOIL		✓	✓					
Cell K-11		11:20	F828			✓	✓					
Cell K-12		10:15	F829			✓	✓					
Cell K-13		10:10	F830			✓	✓					
Cell L-12		10:30	F831			✓	✓					
Cell L-13		10:25	F832			✓	✓					
Cell M-10		11:15	F833			✓	✓					
Cell M-11		11:00	F834			✓	✓					
Cell M-12		10:45	F835			✓	✓					
Cell M-13		10:35	F836			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8.5.99	14:00		8.5.99	1400
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: 9/07/99

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

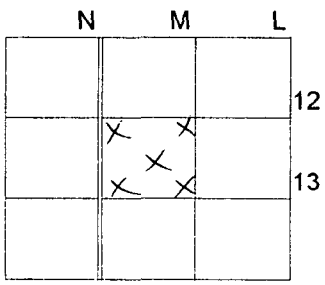
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 96003	11/13/95	Meter # 03913	Canyon Largo 3 314	230

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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 M-12/ F835	PASS	0.0177	0.331	22.7

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 12	Date Reported:	08-11-99
Laboratory Number:	F835	Date Sampled:	08-05-99
Chain of Custody:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**17.7**	**0.9**
Toluene	**22.5**	**0.8**
Ethylbenzene	**4.1**	**0.8**
p,m-Xylene	**71.5**	**1.1**
o-Xylene	**215**	**0.5**
Total BTEX	**331**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 12	Date Reported:	08-11-99
Laboratory Number:	F835	Date Sampled:	08-05-99
Chain of Custody No:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.6**	**0.2**
Diesel Range (C10 - C28)	**22.1**	**0.1**
Total Petroleum Hydrocarbons	**22.7**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-TPH QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**23.2**	**23.1**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**48.8**	**48.7**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.2**	**250**	**273**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**48.8**	**250**	**298**	**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 F827 - F836.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-BTEX QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	62.1	61.1	1.6%	0 - 30%	0.9
Toluene	220	216	2.0%	0 - 30%	0.8
Ethylbenzene	71.9	70.5	1.9%	0 - 30%	0.8
p,m-Xylene	464	455	1.8%	0 - 30%	1.1
o-Xylene	134	132	1.2%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	62.1	50.0	112	100%	39 - 150
Toluene	220	50.0	270	100%	46 - 148
Ethylbenzene	71.9	50.0	122	100%	32 - 160
p,m-Xylene	464	100.0	563	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 F827 - F836.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7263

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell K-10	8.5.99	11:05	F827	SOIL		✓	✓					
Cell K-11		11:20	F828			✓	✓					
Cell K-12		10:15	F829			✓	✓					
Cell K-13		10:10	F830			✓	✓					
Cell L-12		10:30	F831			✓	✓					
Cell L-13		10:25	F832			✓	✓					
Cell M-10		11:15	F833			✓	✓					
Cell M-11		11:00	F834			✓	✓					
Cell M-12		10:45	F835			✓	✓					
Cell M-13		10:35	F836			✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8.5.99	1400
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: 9/07/99

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

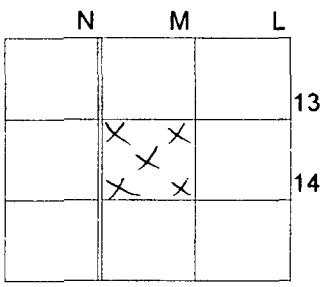
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003	11/13/95	Meter # 74440	GE-EL-GU-LITH-E # 1	84
EPFS	96003	04/24/97		Trunk D-Lime Drop Loop D8	174
EPFS	96003-17	04/24/97	South Sump	Blanco	80

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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 M-13/ F836	PASS	0.0107	0.0725	41.1

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 13	Date Reported:	08-11-99
Laboratory Number:	F836	Date Sampled:	08-05-99
Chain of Custody:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**10.7**	**0.9**
Toluene	**8.1**	**0.8**
Ethylbenzene	**4.3**	**0.8**
p,m-Xylene	**28.7**	**1.1**
o-Xylene	**20.7**	**0.5**
Total BTEX	**72.5**	

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.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 13	Date Reported:	08-11-99
Laboratory Number:	F836	Date Sampled:	08-05-99
Chain of Custody No:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.6**	**0.2**
Diesel Range (C10 - C28)	**40.5**	**0.1**
Total Petroleum Hydrocarbons	**41.1**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-TPH QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**23.2**	**23.1**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**48.8**	**48.7**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.2**	**250**	**273**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**48.8**	**250**	**298**	**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 F827 - F836.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-BTEX QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	62.1	61.1	1.6%	0 - 30%	0.9
Toluene	220	216	2.0%	0 - 30%	0.8
Ethylbenzene	71.9	70.5	1.9%	0 - 30%	0.8
p,m-Xylene	464	455	1.8%	0 - 30%	1.1
o-Xylene	134	132	1.2%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	62.1	50.0	112	100%	39 - 150
Toluene	220	50.0	270	100%	46 - 148
Ethylbenzene	71.9	50.0	122	100%	32 - 160
p,m-Xylene	464	100.0	563	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 F827 - F836.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7263

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell K-10	8.5.99	11:05	F827	SOIL		✓	✓					
Cell K-11		11:20	F828			✓	✓					
Cell K-12		10:15	F829			✓	✓					
Cell K-13		10:10	F830			✓	✓					
Cell L-12		10:30	F831			✓	✓					
Cell L-13		10:25	F832			✓	✓					
Cell M-10		11:15	F833			✓	✓					
Cell M-11		11:00	F834			✓	✓					
Cell M-12		10:45	F835			✓	✓					
Cell M-13		10:35	F836			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8.5.99	14:00		8.5.99	1400
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: 9/07/99

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

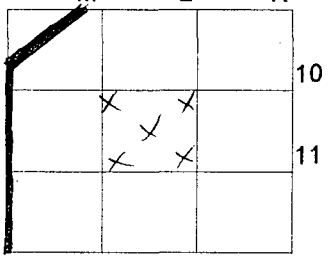
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003	11/14/95	Meter # 75052	Navajo Indian # 6 MV	240
EPFS	96003	11/14/95	Line Drip	Trunk D-Line Loop D-8	30
EPFS	96003-39	10/21/98		San Jacinto # 5	22
EPFS	96003	10/27/98		Atlantic BLS 7	48

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): L - 10

Sample Date: 8/05/99 Sampler: KW

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 L-10/ F827	PASS	0.0621	0.952	72

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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 Martyne J Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	~~Cell K-10~~ L-10	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	08-05-99
Chain of Custody:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**62.1**	**0.9**
Toluene	**220**	**0.8**
Ethylbenzene	**71.9**	**0.8**
p,m-Xylene	**464**	**1.1**
o-Xylene	**134**	**0.5**
Total BTEX	**952**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	~~Cell K - 10~~ L-10	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	08-05-99
Chain of Custody No:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**23.2**	**0.2**
Diesel Range (C10 - C28)	**48.8**	**0.1**
Total Petroleum Hydrocarbons	**72.0**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-TPH QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**23.2**	**23.1**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**48.8**	**48.7**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.2**	**250**	**273**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**48.8**	**250**	**298**	**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 F827 - F836.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-BTEX QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	62.1	61.1	1.6%	0 - 30%	0.9
Toluene	220	216	2.0%	0 - 30%	0.8
Ethylbenzene	71.9	70.5	1.9%	0 - 30%	0.8
p,m-Xylene	464	455	1.8%	0 - 30%	1.1
o-Xylene	134	132	1.2%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	62.1	50.0	112	100%	39 - 150
Toluene	220	50.0	270	100%	46 - 148
Ethylbenzene	71.9	50.0	122	100%	32 - 160
p,m-Xylene	464	100.0	563	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 F827 - F836.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7263

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell K-10	8.5.99	11:05	F827	SOIL		✓	✓					
Cell K-11		11:20	F828			✓	✓					
Cell K-12		10:15	F829			✓	✓					
Cell K-13		10:10	F830			✓	✓					
Cell L-12		10:30	F831			✓	✓					
Cell L-13		10:25	F832			✓	✓					
Cell M-10		11:15	F833			✓	✓					
Cell M-11		11:00	F834			✓	✓					
Cell M-12		10:45	F835			✓	✓					
Cell M-13		10:35	F836			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8.5.99	14:00		8.5.99	1400
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: 9/07/99

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

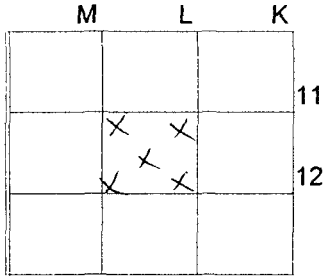
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003	11/14/95	Meter # 75052	Navajo Indian # 6 MV	164
EPFS	96003	11/14/95	Meter # 93126	John Charles # 8	72
EPFS	96003-39	09/19/97		Dilken Compressor Station	12
EPFS	96003	07/16/97		Sandoval Com 1 A1	72
EPFS	96003	10/27/98		Atlantic BLS 7	60

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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 L-11/ F828	PASS	0.0252	0.364	45.7

Respectfully submitted,

Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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 Martyne J Kieling Date 10/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	cw ~~Cell K-11~~ L-11	Date Reported:	08-11-99
Laboratory Number:	F828	Date Sampled:	08-05-99
Chain of Custody:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-06-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**25.2**	**0.9**
Toluene	**100**	**0.8**
Ethylbenzene	**16.3**	**0.8**
p,m-Xylene	**187**	**1.1**
o-Xylene	**35.5**	**0.5**
Total BTEX	**364**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	~~Cell K - 11~~ L-11	Date Reported:	08-11-99
Laboratory Number:	F828	Date Sampled:	08-05-99
Chain of Custody No:	7263	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-06-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**16.1**	**0.2**
Diesel Range (C10 - C28)	**29.6**	**0.1**
Total Petroleum Hydrocarbons	**45.7**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-TPH QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**23.2**	**23.1**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**48.8**	**48.7**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.2**	**250**	**273**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**48.8**	**250**	**298**	**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 F827 - F836.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-BTEX QA/QC	Date Reported:	08-11-99
Laboratory Number:	F827	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	62.1	61.1	1.6%	0 - 30%	0.9
Toluene	220	216	2.0%	0 - 30%	0.8
Ethylbenzene	71.9	70.5	1.9%	0 - 30%	0.8
p,m-Xylene	464	455	1.8%	0 - 30%	1.1
o-Xylene	134	132	1.2%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	62.1	50.0	112	100%	39 - 150
Toluene	220	50.0	270	100%	46 - 148
Ethylbenzene	71.9	50.0	122	100%	32 - 160
p,m-Xylene	464	100.0	563	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 F827 - F836.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7263

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell K-10	8.5.99	11:05	F827	SOIL		✓	✓					
Cell K-11		11:20	F828			✓	✓					
Cell K-12		10:15	F829			✓	✓					
Cell K-13		10:10	F830			✓	✓					
Cell L-12		10:30	F831			✓	✓					
Cell L-13		10:25	F832			✓	✓					
Cell M-10		11:15	F833			✓	✓					
Cell M-11		11:00	F834			✓	✓					
Cell M-12		10:45	F835			✓	✓					
Cell M-13		10:35	F836			✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8.5.99	1400
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: 9/07/99

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

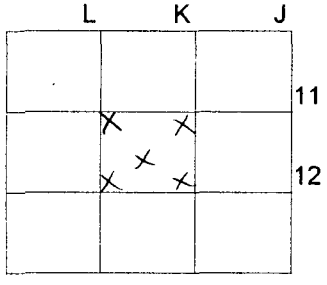
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-38	10/20/98		Hare Gas Com	20
EPFS	96003-38	10/27/98		Atlantic BLS 7	48

Sampling Documentation:



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

Sample Date: 8/10/99 Sampler: KW

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 K-11/ F875	PASS	0.0093	0.107	7.5

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Montgomery J. Kelly Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 11	Date Reported:	08-12-99
Laboratory Number:	F875	Date Sampled:	08-10-99
Chain of Custody:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**9.3**	**0.9**
Toluene	**49.9**	**0.8**
Ethylbenzene	**6.9**	**0.8**
p,m-Xylene	**32.4**	**1.1**
o-Xylene	**8.7**	**0.5**
Total BTEX	**107**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 11	Date Reported:	08-12-99
Laboratory Number:	F875	Date Sampled:	08-10-99
Chain of Custody No:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.0**	**0.2**
Diesel Range (C10 - C28)	**6.5**	**0.1**
Total Petroleum Hydrocarbons	**7.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-PM-TPH QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**7.0**	**6.9**	**1.4%**	**0 - 30%**
Diesel Range C10 - C28	**29.1**	**29.0**	**0.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**7.0**	**250**	**256**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**29.1**	**250**	**279**	**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 F868 - F876 and F882.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-PM-BTEX QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	11.6	11.5	0.9%	0 - 30%	0.9
Toluene	65.7	64.6	1.7%	0 - 30%	0.8
Ethylbenzene	11.6	11.4	1.7%	0 - 30%	0.8
p,m-Xylene	44.3	43.7	1.4%	0 - 30%	1.1
o-Xylene	15.6	15.4	1.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	11.6	50.0	61.6	100%	39 - 150
Toluene	65.7	50.0	116	100%	46 - 148
Ethylbenzene	11.6	50.0	61.6	100%	32 - 160
p,m-Xylene	44.3	100.0	144	100%	46 - 148
o-Xylene	15.6	50.0	65.6	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 F868 - F875 and F882.

Analyst

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CHAIN OF CUSTODY RECORD

7268

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell K-10	8.10.99	10:40	F868	SOIL		✓	✓					
Cell E-11	"	9:45	F869	"		✓	✓					
Cell F-11	"	9:40	F870	"		✓	✓					
Cell G-11	"	9:35	F871	"		✓	✓					
Cell H-11	"	9:30	F872	"		✓	✓					
Cell I-11	"	9:25	F873	"		✓	✓					
Cell J-11	"	9:20	F874	"		✓	✓					
Cell K-11	"	9:15	F875	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8.10.99	15:00	[signature]	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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Farmington, New Mexico 87401
(505) 632-0615

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 9/07/99

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

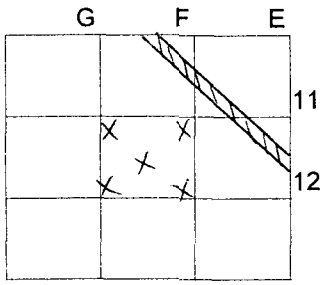
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 96003-03	06/25/98	South Pond	Kutz	160

Sampling Documentation:



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

Sample Date: 8/10/99 Sampler: KW

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 F-11/ F870	PASS	0.0221	0.439	18.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 11	Date Reported:	08-12-99
Laboratory Number:	F870	Date Sampled:	08-10-99
Chain of Custody:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**22.1**	**0.9**
Toluene	**91.9**	**0.8**
Ethylbenzene	**193**	**0.8**
p,m-Xylene	**16.3**	**1.1**
o-Xylene	**116**	**0.5**
Total BTEX	**439**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 11	Date Reported:	08-12-99
Laboratory Number:	F870	Date Sampled:	08-10-99
Chain of Custody No:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**3.0**	**0.2**
Diesel Range (C10 - C28)	**15.6**	**0.1**
Total Petroleum Hydrocarbons	**18.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-PM-TPH QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**7.0**	**6.9**	**1.4%**	**0 - 30%**
Diesel Range C10 - C28	**29.1**	**29.0**	**0.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**7.0**	**250**	**256**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**29.1**	**250**	**279**	**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 F868 - F876 and F882.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-PM-BTEX QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	11.6	11.5	0.9%	0 - 30%	0.9
Toluene	65.7	64.6	1.7%	0 - 30%	0.8
Ethylbenzene	11.6	11.4	1.7%	0 - 30%	0.8
p,m-Xylene	44.3	43.7	1.4%	0 - 30%	1.1
o-Xylene	15.6	15.4	1.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	11.6	50.0	61.6	100%	39 - 150
Toluene	65.7	50.0	116	100%	46 - 148
Ethylbenzene	11.6	50.0	61.6	100%	32 - 160
p,m-Xylene	44.3	100.0	144	100%	46 - 148
o-Xylene	15.6	50.0	65.6	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 F868 - F875 and F882.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7268

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell K-10	8-10-99	10:40	F868	SOIL		✓	✓					
Cell E-11	"	9:45	F869	"		✓	✓					
Cell F-11	"	9:40	F870	"		✓	✓					
Cell G-11	"	9:35	F871	"		✓	✓					
Cell H-11	"	9:30	F872	"		✓	✓					
Cell I-11	"	9:25	F873	"		✓	✓					
Cell J-11	"	9:20	F874	"		✓	✓					
Cell K-11	"	9:15	F875	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8-10-99	15:00	[signature]	8-10-99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 9/07/99

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

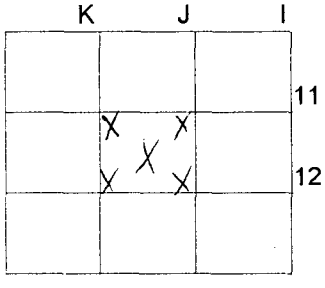
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-33	01/27/98		Kutz Plant	25
EPFS	96003-33	06/30/98	North Pond	Kutz Plant	160

Sampling Documentation:



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

Sample Date: 8/10/99 Sampler: KW

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-11/ F874	PASS	0.0138	0.188	17.3

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Montgomery J. Kelly Date 11/16/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 11	Date Reported:	08-12-99
Laboratory Number:	F874	Date Sampled:	08-10-99
Chain of Custody:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-11-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**13.8**	**0.9**
Toluene	**76.8**	**0.8**
Ethylbenzene	**17.9**	**0.8**
p,m-Xylene	**63.7**	**1.1**
o-Xylene	**16.2**	**0.5**
Total BTEX	**188**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 11	Date Reported:	08-12-99
Laboratory Number:	F874	Date Sampled:	08-10-99
Chain of Custody No:	7268	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-11-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.6**	**0.2**
Diesel Range (C10 - C28)	**16.7**	**0.1**
Total Petroleum Hydrocarbons	**17.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-11-PM-TPH QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**7.0**	**6.9**	**1.4%**	**0 - 30%**
Diesel Range C10 - C28	**29.1**	**29.0**	**0.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**7.0**	**250**	**256**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**29.1**	**250**	**279**	**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 F868 - F876 and F882.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-11-PM-BTEX QA/QC	Date Reported:	08-12-99
Laboratory Number:	F868	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-11-99
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	4.1075E-001	4.1173E-001	0.2%	ND	0.2
Toluene	2.4993E-001	2.5038E-001	0.2%	ND	0.2
Ethylbenzene	2.4117E-001	2.4168E-001	0.2%	ND	0.2
p,m-Xylene	2.5138E-001	2.5201E-001	0.3%	ND	0.2
o-Xylene	2.2949E-001	2.2988E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range:	Detect. Limit
Benzene	11.6	11.5	0.9%	0 - 30%	0.9
Toluene	65.7	64.6	1.7%	0 - 30%	0.8
Ethylbenzene	11.6	11.4	1.7%	0 - 30%	0.8
p,m-Xylene	44.3	43.7	1.4%	0 - 30%	1.1
o-Xylene	15.6	15.4	1.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	11.6	50.0	61.6	100%	39 - 150
Toluene	65.7	50.0	116	100%	46 - 148
Ethylbenzene	11.6	50.0	61.6	100%	32 - 160
p,m-Xylene	44.3	100.0	144	100%	46 - 148
o-Xylene	15.6	50.0	65.6	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 F868 - F875 and F882.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7268

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell K-10	8-10-99	10:40	F868	SOIL		✓	✓					
Cell E-11	"	9:45	F869	"		✓	✓					
Cell F-11	"	9:40	F870	"		✓	✓					
Cell G-11	"	9:35	F871	"		✓	✓					
Cell H-11	"	9:30	F872	"		✓	✓					
Cell I-11	"	9:25	F873	"		✓	✓					
Cell J-11	"	9:20	F874	"		✓	✓					
Cell K-11	"	9:15	F875	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8-10-99	15:00	[signature]	8-10-99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

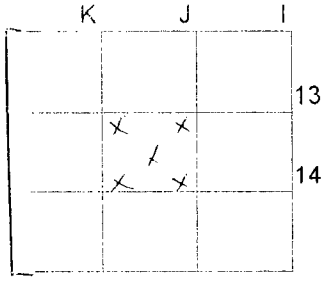
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
E.P.F.S	95986	4-25-97	South Sump	Blanco	330

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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-13/ F826	PASS	0.0147	0.321	15.5

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Montgomery J. Kelly Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 13	Date Reported:	08-06-99
Laboratory Number:	F826	Date Sampled:	08-05-99
Chain of Custody:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-06-99
Preservative:	Cool	Date Extracted:	08-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**14.7**	**0.9**
Toluene	**104**	**0.8**
Ethylbenzene	**20.6**	**0.8**
p,m-Xylene	**149**	**1.1**
o-Xylene	**32.7**	**0.5**
Total BTEX	**321**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 13	Date Reported:	08-06-99
Laboratory Number:	F826	Date Sampled:	08-05-99
Chain of Custody No:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-05-99
Preservative:	Cool	Date Analyzed:	08-06-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**6.6**	**0.2**
Diesel Range (C10 - C28)	**8.9**	**0.1**
Total Petroleum Hydrocarbons	**15.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-06-BTEX QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0879E+000	1.0905E+000	0.2%	ND	0.2
Toluene	9.4472E-001	9.4643E-001	0.2%	ND	0.2
Ethylbenzene	1.3073E-001	1.3100E-001	0.2%	ND	0.2
p,m-Xylene	1.1712E-001	1.1741E-001	0.3%	ND	0.2
o-Xylene	1.0339E-001	1.0357E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	28.4	27.7	2.5%	0 - 30%	0.9
Toluene	120	117	3.0%	0 - 30%	0.8
Ethylbenzene	53.6	52.0	3.0%	0 - 30%	0.8
p,m-Xylene	193	187	2.8%	0 - 30%	1.1
o-Xylene	52.4	51.2	2.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	28.4	50.0	78.3	100%	39 - 150
Toluene	120	50.0	170	100%	46 - 148
Ethylbenzene	53.6	50.0	104	100%	32 - 160
p,m-Xylene	193	100.0	292	100%	46 - 148
o-Xylene	52.4	50.0	102	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 F817 - F826.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-06-TPH QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis Requested:	TPH

LCS	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	1.2	1.1	8.3%	0 - 30%
Diesel Range C10 - C28	52.5	52.3	0.4%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.2	250	251	100%	75 - 125%
Diesel Range C10 - C28	52.5	250	302	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 F817 - F826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7262

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-12	8.5.99	9:15	F817	SOIL		✓	✓					
Cell F-13	"	9:10	F818	"		✓	✓					
Cell G-12	"	9:20	F819	"		✓	✓					
Cell G-13	"	9:25	F820	"		✓	✓					
Cell H-12	"	9:30	F821	"		✓	✓					
Cell H-13	"	9:35	F822	"		✓	✓					
Cell I-12	"	9:40	F823	"		✓	✓					
Cell I-13	"	9:45	F824	"		✓	✓					
Cell J-12	"	10:05	F825	"		✓	✓					
Cell J-13	"	9:55	F826	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8.5.99	1400
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

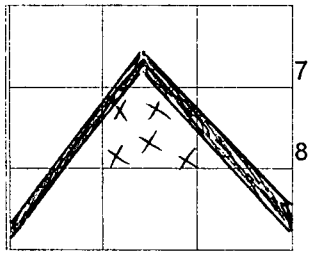
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-10-95	Meter # 32708	Howell # 3	78
El Paso Field Service 96003-03	11-10-95		Trunk D Line Loop 8	130
El Paso Field Service 96003-03	11-13-95	Meter # 74440	GE - E6-GU-LITH-E#1	70

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): J - 07

Sample Date: 8/10/99 Sampler: KW

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-07/ F849	PASS	0.0237	0.667	36.1

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 7	Date Reported:	08-13-99
Laboratory Number:	F849	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**23.7**	**0.9**
Toluene	**7.5**	**0.8**
Ethylbenzene	**72.1**	**0.8**
p,m-Xylene	**477**	**1.1**
o-Xylene	**86.7**	**0.5**
Total BTEX	**667**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 7	Date Reported:	08-13-99
Laboratory Number:	F849	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**2.5**	**0.2**
Diesel Range (C10 - C28)	**33.6**	**0.1**
Total Petroleum Hydrocarbons	**36.1**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Kim W	8.10.99	15:00	Received by: (Signature) Anna P. Ofman	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

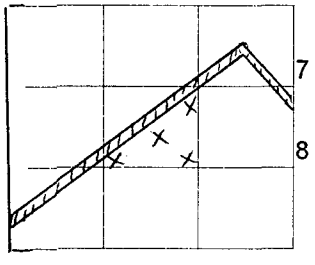
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-08-95	Meter # 02889	Canyon Largo CPD	74
El Paso Field Service 96003-03	11-08-95		Line Drip # 161	164

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): K - 07

Sample Date: 8/10/99 Sampler: KW

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 K-07/ F850	PASS	0.1370	1.52	42.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 7	Date Reported:	08-13-99
Laboratory Number:	F850	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**137**	**0.9**
Toluene	**87.4**	**0.8**
Ethylbenzene	**386**	**0.8**
p,m-Xylene	**780**	**1.1**
o-Xylene	**128**	**0.5**
Total BTEX	**1,520**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 7	Date Reported:	08-13-99
Laboratory Number:	F850	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**10.2**	**0.2**
Diesel Range (C10 - C28)	**32.4**	**0.1**
Total Petroleum Hydrocarbons	**42.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Kim W	8.10.99	15:00	Received by: (Signature) Brian P. Adams	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

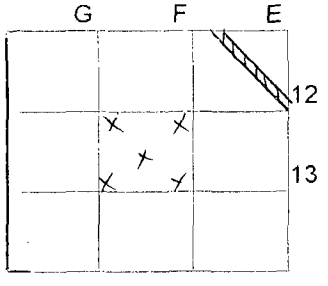
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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 F-12/ F817	PASS	0.0284	0.447	53.7

Respectfully submitted,

Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 12	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	08-05-99
Chain of Custody:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-06-99
Preservative:	Cool	Date Extracted:	08-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**28.4**	**0.9**
Toluene	**120**	**0.8**
Ethylbenzene	**53.6**	**0.8**
p,m-Xylene	**193**	**1.1**
o-Xylene	**52.4**	**0.5**
Total BTEX	**447**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 12	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	08-05-99
Chain of Custody No:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-05-99
Preservative:	Cool	Date Analyzed:	08-06-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.2**	**0.2**
Diesel Range (C10 - C28)	**52.5**	**0.1**
Total Petroleum Hydrocarbons	**53.7**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-06-BTEX QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0879E+000	1.0905E+000	0.2%	ND	0.2
Toluene	9.4472E-001	9.4643E-001	0.2%	ND	0.2
Ethylbenzene	1.3073E-001	1.3100E-001	0.2%	ND	0.2
p,m-Xylene	1.1712E-001	1.1741E-001	0.3%	ND	0.2
o-Xylene	1.0339E-001	1.0357E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	28.4	27.7	2.5%	0 - 30%	0.9
Toluene	120	117	3.0%	0 - 30%	0.8
Ethylbenzene	53.6	52.0	3.0%	0 - 30%	0.8
p,m-Xylene	193	187	2.8%	0 - 30%	1.1
o-Xylene	52.4	51.2	2.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	28.4	50.0	78.3	100%	39 - 150
Toluene	120	50.0	170	100%	46 - 148
Ethylbenzene	53.6	50.0	104	100%	32 - 160
p,m-Xylene	193	100.0	292	100%	46 - 148
o-Xylene	52.4	50.0	102	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 F817 - F826.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-06-TPH QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.2**	**1.1**	**8.3%**	**0 - 30%**
Diesel Range C10 - C28	**52.5**	**52.3**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.2**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**52.5**	**250**	**302**	**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 F817 - F826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7262

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-12	8.5.99	9:15	F817	SOIL		✓	✓					
Cell F-13		9:10	F818			✓	✓					
Cell G-12		9:20	F819			✓	✓					
Cell G-13		9:25	F820			✓	✓					
Cell H-12		9:30	F821			✓	✓					
Cell H-13		9:35	F822			✓	✓					
Cell I-12		9:40	F823			✓	✓					
Cell I-13		9:45	F824			✓	✓					
Cell J-12		10:05	F825			✓	✓					
Cell J-13		9:55	F826			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8.5.99	14:00	[signature]	8.5.99	1400
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

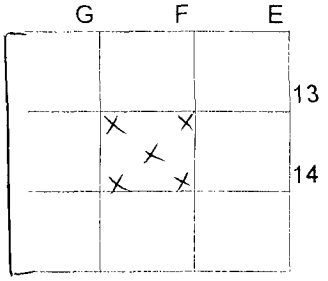
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
E.P.F.S	96003-03	4-10-97		Southern Ute 32-9 # 13-1	108

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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 F-13/ F818	PASS	0.0218	0.684	9.4

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Martyne J Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 13	Date Reported:	08-06-99
Laboratory Number:	F818	Date Sampled:	08-05-99
Chain of Custody:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-06-99
Preservative:	Cool	Date Extracted:	08-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**21.8**	**0.9**
Toluene	**51.2**	**0.8**
Ethylbenzene	**76.7**	**0.8**
p,m-Xylene	**433**	**1.1**
o-Xylene	**101**	**0.5**
Total BTEX	**684**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 13	Date Reported:	08-06-99
Laboratory Number:	F818	Date Sampled:	08-05-99
Chain of Custody No:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-05-99
Preservative:	Cool	Date Analyzed:	08-06-99
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)	**2.1**	**0.1**
Total Petroleum Hydrocarbons	**9.4**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-06-BTEX QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0879E+000	1.0905E+000	0.2%	ND	0.2
Toluene	9.4472E-001	9.4643E-001	0.2%	ND	0.2
Ethylbenzene	1.3073E-001	1.3100E-001	0.2%	ND	0.2
p,m-Xylene	1.1712E-001	1.1741E-001	0.3%	ND	0.2
o-Xylene	1.0339E-001	1.0357E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	28.4	27.7	2.5%	0 - 30%	0.9
Toluene	120	117	3.0%	0 - 30%	0.8
Ethylbenzene	53.6	52.0	3.0%	0 - 30%	0.8
p,m-Xylene	193	187	2.8%	0 - 30%	1.1
o-Xylene	52.4	51.2	2.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	28.4	50.0	78.3	100%	39 - 150
Toluene	120	50.0	170	100%	46 - 148
Ethylbenzene	53.6	50.0	104	100%	32 - 160
p,m-Xylene	193	100.0	292	100%	46 - 148
o-Xylene	52.4	50.0	102	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 F817 - F826.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-06-TPH QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.2**	**1.1**	**8.3%**	**0 - 30%**
Diesel Range C10 - C28	**52.5**	**52.3**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.2**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**52.5**	**250**	**302**	**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 F817 - F826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7262

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-12	8.5.99	9:15	F817	SOIL		✓	✓					
Cell F-13	"	9:10	F818	"		✓	✓					
Cell G-12	"	9:20	F819	"		✓	✓					
Cell G-13	"	9:25	F820	"		✓	✓					
Cell H-12	"	9:30	F821	"		✓	✓					
Cell H-13	"	9:35	F822	"		✓	✓					
Cell I-12	"	9:40	F823	"		✓	✓					
Cell I-13	"	9:45	F824	"		✓	✓					
Cell J-12	"	10:05	F825	"		✓	✓					
Cell J-13	"	9:55	F826	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8.5.99	1400
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

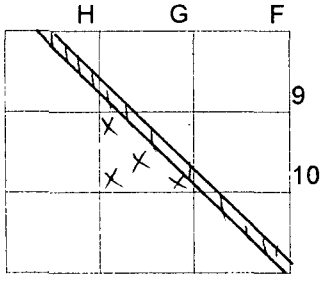
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-13-95	Line Drip	Trunk D-Line Drip Loop D-8	132

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): G - 09

Sample Date: 8/10/99 Sampler: KW

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-09/ F856	PASS	0.0189	0.168	15.8

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Montgomery J. Kelly Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 8	Date Reported:	08-13-99
Laboratory Number:	F855	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**5.0**	**0.9**
Toluene	**10.5**	**0.8**
Ethylbenzene	**12.0**	**0.8**
p,m-Xylene	**106**	**1.1**
o-Xylene	**17.6**	**0.5**
Total BTEX	**152**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 8	Date Reported:	08-13-99
Laboratory Number:	F855	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.9**	**0.2**
Diesel Range (C10 - C28)	**16.1**	**0.1**
Total Petroleum Hydrocarbons	**17.0**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Kim W	8.10.99	15:00	Received by: (Signature) Glenn P. Spruce	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

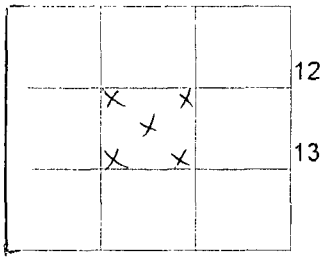
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
E.P.F.S	96003-02	8-11/8-14-9	Soil @ Tank Pull	Bluewater Sation	61
E.P.F.S	96003-03	8-14/8-15-9	Soil @ Tank Pull	Window Rock Station	116
E.P.F.S	96003-27	9-12-97	Soil @ Tank Pull	Ballard Compressor Staion	140

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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-12/ F819	PASS	0.0091	0.156	6.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 12	Date Reported:	08-06-99
Laboratory Number:	F819	Date Sampled:	08-05-99
Chain of Custody:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-06-99
Preservative:	Cool	Date Extracted:	08-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**9.1**	**0.9**
Toluene	**59.4**	**0.8**
Ethylbenzene	**6.9**	**0.8**
p,m-Xylene	**67.4**	**1.1**
o-Xylene	**13.0**	**0.5**
Total BTEX	**156**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 12	Date Reported:	08-06-99
Laboratory Number:	F819	Date Sampled:	08-05-99
Chain of Custody No:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-05-99
Preservative:	Cool	Date Analyzed:	08-06-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.5**	**0.2**
Diesel Range (C10 - C28)	**5.1**	**0.1**
Total Petroleum Hydrocarbons	**6.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-06-BTEX QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0879E+000	1.0905E+000	0.2%	ND	0.2
Toluene	9.4472E-001	9.4643E-001	0.2%	ND	0.2
Ethylbenzene	1.3073E-001	1.3100E-001	0.2%	ND	0.2
p,m-Xylene	1.1712E-001	1.1741E-001	0.3%	ND	0.2
o-Xylene	1.0339E-001	1.0357E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	28.4	27.7	2.5%	0 - 30%	0.9
Toluene	120	117	3.0%	0 - 30%	0.8
Ethylbenzene	53.6	52.0	3.0%	0 - 30%	0.8
p,m-Xylene	193	187	2.8%	0 - 30%	1.1
o-Xylene	52.4	51.2	2.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	28.4	50.0	78.3	100%	39 - 150
Toluene	120	50.0	170	100%	46 - 148
Ethylbenzene	53.6	50.0	104	100%	32 - 160
p,m-Xylene	193	100.0	292	100%	46 - 148
o-Xylene	52.4	50.0	102	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 F817 - F826.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-06-TPH QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.2**	**1.1**	**8.3%**	**0 - 30%**
Diesel Range C10 - C28	**52.5**	**52.3**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.2**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**52.5**	**250**	**302**	**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 F817 - F826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7262

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-12	8.5.99	9:15	F817	SOIL		✓	✓					
Cell F-13	"	9:10	F818	"		✓	✓					
Cell G-12	"	9:20	F819	"		✓	✓					
Cell G-13	"	9:25	F820	"		✓	✓					
Cell H-12	"	9:30	F821	"		✓	✓					
Cell H-13	"	9:35	F822	"		✓	✓					
Cell I-12	"	9:40	F823	"		✓	✓					
Cell I-13	"	9:45	F824	"		✓	✓					
Cell J-12	"	10:05	F825	"		✓	✓					
Cell J-13	"	9:55	F826	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8.5.99	1400
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

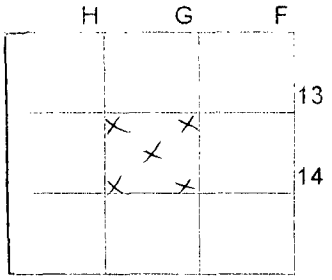
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
E.P.F.S	96003-03	4-14-97	Meter # 76360	Southern Ute 32-9 # 1-4	360
E.P.F.S	96003-03	4-14-97	Meter # 76373	Southern Ute 32-9 # 24-3	90
E.P.F.S	96003-03	4-14-97	Meter # 76382	Southern Ute 32-9 # 1-3	18
E.P.F.S	96003-03	4-14-97	Meter # 76392	Southern Tribal A #1	72

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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-13/ F820	PASS	0.150	0.829	17.9

Respectfully submitted,

Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 13	Date Reported:	08-06-99
Laboratory Number:	F820	Date Sampled:	08-05-99
Chain of Custody:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-06-99
Preservative:	Cool	Date Extracted:	08-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**150**	**0.9**
Toluene	**151**	**0.8**
Ethylbenzene	**195**	**0.8**
p,m-Xylene	**174**	**1.1**
o-Xylene	**159**	**0.5**
Total BTEX	**829**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 13	Date Reported:	08-06-99
Laboratory Number:	F820	Date Sampled:	08-05-99
Chain of Custody No:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-05-99
Preservative:	Cool	Date Analyzed:	08-06-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**9.3**	**0.2**
Diesel Range (C10 - C28)	**8.6**	**0.1**
Total Petroleum Hydrocarbons	**17.9**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-06-BTEX QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0879E+000	1.0905E+000	0.2%	ND	0.2
Toluene	9.4472E-001	9.4643E-001	0.2%	ND	0.2
Ethylbenzene	1.3073E-001	1.3100E-001	0.2%	ND	0.2
p,m-Xylene	1.1712E-001	1.1741E-001	0.3%	ND	0.2
o-Xylene	1.0339E-001	1.0357E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	28.4	27.7	2.5%	0 - 30%	0.9
Toluene	120	117	3.0%	0 - 30%	0.8
Ethylbenzene	53.6	52.0	3.0%	0 - 30%	0.8
p,m-Xylene	193	187	2.8%	0 - 30%	1.1
o-Xylene	52.4	51.2	2.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	28.4	50.0	78.3	100%	39 - 150
Toluene	120	50.0	170	100%	46 - 148
Ethylbenzene	53.6	50.0	104	100%	32 - 160
p,m-Xylene	193	100.0	292	100%	46 - 148
o-Xylene	52.4	50.0	102	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 F817 - F826.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-06-TPH QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.2**	**1.1**	**8.3%**	**0 - 30%**
Diesel Range C10 - C28	**52.5**	**52.3**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.2**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**52.5**	**250**	**302**	**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 F817 - F826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7262

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-12	8.5.99	9:15	F817	SOIL		✓	✓					
Cell F-13		9:10	F818			✓	✓					
Cell G-12		9:20	F819			✓	✓					
Cell G-13		9:25	F820			✓	✓					
Cell H-12		9:30	F821			✓	✓					
Cell H-13		9:35	F822			✓	✓					
Cell I-12		9:40	F823			✓	✓					
Cell I-13		9:45	F824			✓	✓					
Cell J-12		10:05	F825			✓	✓					
Cell J-13		9:55	F826			✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8.5.99	1400
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

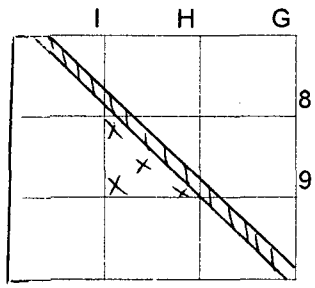
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-07-95	Meter # 94768	Fed 6 #32 CH	110
El Paso Field Service 96003-03	11-07-95	Meter # 02889	Canyon Largo CPD	82

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): H - 08

Sample Date: 8/10/99 Sampler: KW

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-08/ F851	PASS	0.0365	0.637	31.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 8	Date Reported:	08-13-99
Laboratory Number:	F851	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**36.5**	**0.9**
Toluene	**7.1**	**0.8**
Ethylbenzene	**12.2**	**0.8**
p,m-Xylene	**420**	**1.1**
o-Xylene	**161**	**0.5**
Total BTEX	**637**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 8	Date Reported:	08-13-99
Laboratory Number:	F851	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**2.3**	**0.2**
Diesel Range (C10 - C28)	**28.9**	**0.1**
Total Petroleum Hydrocarbons	**31.2**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Kim W	8.10.99	15:00	Received by: (Signature) Brian P. Adams	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

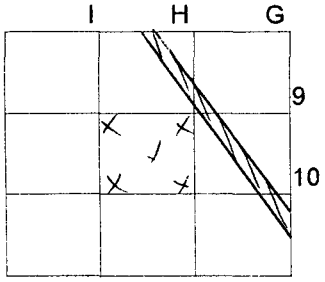
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-10-95	Line Drip	Trunk D-Line Drip Loop D-8	160
El Paso Field Service 96003-03	6-29-98	North Pond	Kutz Plant	90

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): H - 09

Sample Date: 8/10/99 Sampler: KW

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-09/ F857	PASS	0.0218	0.172	4.5

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 9	Date Reported:	08-13-99
Laboratory Number:	F857	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**21.8**	**0.9**
Toluene	**13.3**	**0.8**
Ethylbenzene	**15.9**	**0.8**
p,m-Xylene	**103**	**1.1**
o-Xylene	**17.6**	**0.5**
Total BTEX	**172**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 9	Date Reported:	08-13-99
Laboratory Number:	F857	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.5**	**0.2**
Diesel Range (C10 - C28)	**3.0**	**0.1**
Total Petroleum Hydrocarbons	**4.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7		11:20	F849			✓	✓					
Cell K-7		11:05	F850			✓	✓					
Cell H-8		11:00	F851			✓	✓					
Cell I-8		11:55	F852			✓	✓					
Cell J-8		12:05	F853			✓	✓					
Cell K-8		12:10	F854			✓	✓					
Cell L-8		12:15	F855			✓	✓					
Cell G-9		11:35	F856			✓	✓					
Cell H-9		11:40	F857			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8.10.99	15:00	[signature]	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

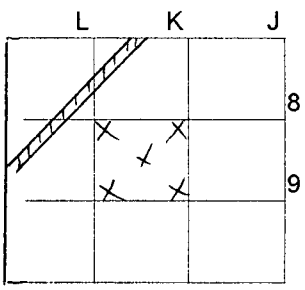
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-09-95		Howell # 3	

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): K - 08

Sample Date: 8/10/99 Sampler: KW

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 K-08/ F854	PASS	0.0050	0.152	24.4

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 8	Date Reported:	08-13-99
Laboratory Number:	F854	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**5.0**	**0.9**
Toluene	**11.6**	**0.8**
Ethylbenzene	**12.9**	**0.8**
p,m-Xylene	**105**	**1.1**
o-Xylene	**17.8**	**0.5**
Total BTEX	**152**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 8	Date Reported:	08-13-99
Laboratory Number:	F854	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.5**	**0.2**
Diesel Range (C10 - C28)	**22.9**	**0.1**
Total Petroleum Hydrocarbons	**24.4**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.

Analyst

Review

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

CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8.10.99	15:00	[signature]	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

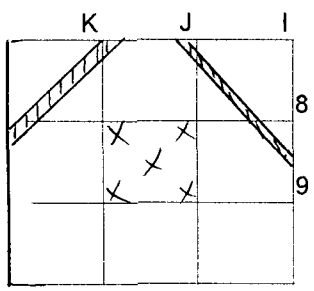
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-15-95	Meter # 93126	John Charles #8	218
El Paso Field Service 96003-03	11-15-95	Meter # 71531	Charley PAH	46

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): J - 08

Sample Date: 8/10/99 Sampler: KW

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-08/ F853	PASS	0.0240	0.768	21.8

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Montgomery J. Kelly Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 8	Date Reported:	08-13-99
Laboratory Number:	F853	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**24.0**	**0.9**
Toluene	**51.6**	**0.8**
Ethylbenzene	**71.5**	**0.8**
p,m-Xylene	**533**	**1.1**
o-Xylene	**88.3**	**0.5**
Total BTEX	**768**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 8	Date Reported:	08-13-99
Laboratory Number:	F853	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**2.1**	**0.2**
Diesel Range (C10 - C28)	**19.7**	**0.1**
Total Petroleum Hydrocarbons	**21.8**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.10.99	15:00	Received by: (Signature)	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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Farmington, New Mexico 87401
(505) 632-0615

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

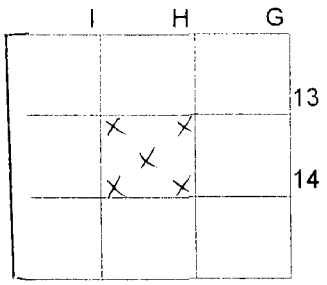
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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-13/ F822	PASS	0.008	0.165	63.6

Respectfully submitted,

Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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 Martyne J Kuby Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 13	Date Reported:	08-06-99
Laboratory Number:	F822	Date Sampled:	08-05-99
Chain of Custody:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-06-99
Preservative:	Cool	Date Extracted:	08-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**8.0**	**0.9**
Toluene	**78.4**	**0.8**
Ethylbenzene	**6.5**	**0.8**
p,m-Xylene	**59.3**	**1.1**
o-Xylene	**12.3**	**0.5**
Total BTEX	**165**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 13	Date Reported:	08-06-99
Laboratory Number:	F822	Date Sampled:	08-05-99
Chain of Custody No:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-05-99
Preservative:	Cool	Date Analyzed:	08-06-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**8.9**	**0.2**
Diesel Range (C10 - C28)	**54.7**	**0.1**
Total Petroleum Hydrocarbons	**63.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-06-BTEX QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0879E+000	1.0905E+000	0.2%	ND	0.2
Toluene	9.4472E-001	9.4643E-001	0.2%	ND	0.2
Ethylbenzene	1.3073E-001	1.3100E-001	0.2%	ND	0.2
p,m-Xylene	1.1712E-001	1.1741E-001	0.3%	ND	0.2
o-Xylene	1.0339E-001	1.0357E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	28.4	27.7	2.5%	0 - 30%	0.9
Toluene	120	117	3.0%	0 - 30%	0.8
Ethylbenzene	53.6	52.0	3.0%	0 - 30%	0.8
p,m-Xylene	193	187	2.8%	0 - 30%	1.1
o-Xylene	52.4	51.2	2.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	28.4	50.0	78.3	100%	39 - 150
Toluene	120	50.0	170	100%	46 - 148
Ethylbenzene	53.6	50.0	104	100%	32 - 160
p,m-Xylene	193	100.0	292	100%	46 - 148
o-Xylene	52.4	50.0	102	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 F817 - F826.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-06-TPH QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.2**	**1.1**	**8.3%**	**0 - 30%**
Diesel Range C10 - C28	**52.5**	**52.3**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	**1.2**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**52.5**	**250**	**302**	**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 F817 - F826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7262

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-12	8.5.99	9:15	F817	SOIL		✓	✓					
Cell F-13	"	9:10	F818	"		✓	✓					
Cell G-12	"	9:20	F819	"		✓	✓					
Cell G-13	"	9:25	F820	"		✓	✓					
Cell H-12	"	9:30	F821	"		✓	✓					
Cell H-13	"	9:35	F822	"		✓	✓					
Cell I-12	"	9:40	F823	"		✓	✓					
Cell I-13	"	9:45	F824	"		✓	✓					
Cell J-12	"	10:05	F825	"		✓	✓					
Cell J-13	"	9:55	F826	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8.5.99	1400
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

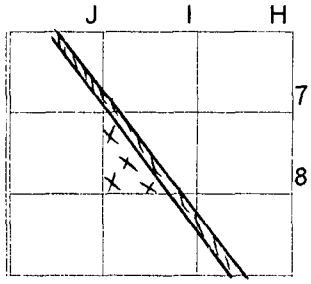
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Natural Gas	4-3-95	Line Drip	K-3L	180

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): I - 07

Sample Date: 8/10/99 Sampler: KW

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-07/ F848	PASS	0.0291	0.168	44.9

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 7	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**29.1**	**0.9**
Toluene	**10.2**	**0.8**
Ethylbenzene	**19.7**	**0.8**
p,m-Xylene	**88.7**	**1.1**
o-Xylene	**20.8**	**0.5**
Total BTEX	**168**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 7	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.7**	**0.2**
Diesel Range (C10 - C28)	**43.2**	**0.1**
Total Petroleum Hydrocarbons	**44.9**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.10.99	15:00	Received by: (Signature)	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

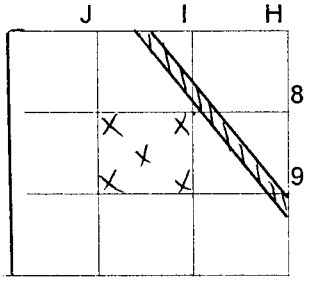
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-06-95	Meter # 94495	Miles Fed #1E MV	198

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): I - 08

Sample Date: 8/10/99 Sampler: KW

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-08/ F852	PASS	0.0060	0.131	27.4

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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 Montgomery J Kelly Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 8	Date Reported:	08-13-99
Laboratory Number:	F852	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6.0**	**0.9**
Toluene	**9.3**	**0.8**
Ethylbenzene	**12.8**	**0.8**
p,m-Xylene	**88.4**	**1.1**
o-Xylene	**14.8**	**0.5**
Total BTEX	**131**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 8	Date Reported:	08-13-99
Laboratory Number:	F852	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.6**	**0.2**
Diesel Range (C10 - C28)	**25.8**	**0.1**
Total Petroleum Hydrocarbons	**27.4**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Kim W	8.10.99	15:00	Received by: (Signature) Dawn P. Adams	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

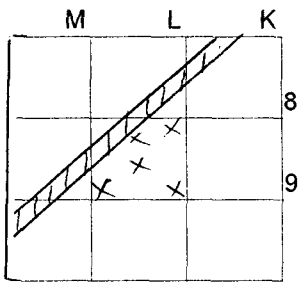
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	11-08-95	Line Drip	K.1 # 1 Line Drip 161	74
El Paso Field Service 96003-03	11-09-95	Meter # 03913	Canyon Largo # 314	36
El Paso Field Service 96003-03	11-09-95		Howell # 3	240

Sampling Documentation:



Landfarm # 2 Unit 5 Cell (s): L - 08

Sample Date: 8/10/99 Sampler: KW

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 L-08/ F855	PASS	0.0050	0.152	17.0

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Kieley Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 9	Date Reported:	08-13-99
Laboratory Number:	F856	Date Sampled:	08-10-99
Chain of Custody:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Analyzed:	08-12-99
Preservative:	Cool	Date Extracted:	08-11-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**18.9**	**0.9**
Toluene	**10.5**	**0.8**
Ethylbenzene	**12.4**	**0.8**
p,m-Xylene	**107**	**1.1**
o-Xylene	**20.0**	**0.5**
Total BTEX	**168**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 9	Date Reported:	08-13-99
Laboratory Number:	F856	Date Sampled:	08-10-99
Chain of Custody No:	7265	Date Received:	08-10-99
Sample Matrix:	Soil	Date Extracted:	08-11-99
Preservative:	Cool	Date Analyzed:	08-12-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**15.8**	**0.1**
Total Petroleum Hydrocarbons	**15.8**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-12-PM-BTEX QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
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	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	29.1	28.3	2.7%	0 - 30%	0.9
Toluene	10.2	9.9	2.9%	0 - 30%	0.8
Ethylbenzene	19.7	19.1	3.0%	0 - 30%	0.8
p,m-Xylene	88.7	86.1	2.9%	0 - 30%	1.1
o-Xylene	20.8	20.3	2.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	29.1	50.0	79.0	100%	39 - 150
Toluene	10.2	50.0	60.2	100%	46 - 148
Ethylbenzene	19.7	50.0	69.7	100%	32 - 160
p,m-Xylene	88.7	100.0	189	100%	46 - 148
o-Xylene	20.8	50.0	70.8	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 F848 - F857.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-TPH QA/QC	Date Reported:	08-13-99
Laboratory Number:	F848	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.7**	**1.7**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**43.2**	**43.1**	**0.2%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.7**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**43.2**	**250**	**293**	**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 F848 - F857.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7265

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-7	8.10.99	11:25	F848	SOIL		✓	✓					
Cell J-7	"	11:20	F849	"		✓	✓					
Cell K-7	"	11:05	F850	"		✓	✓					
Cell H-8	"	11:00	F851	"		✓	✓					
Cell I-8	"	11:55	F852	"		✓	✓					
Cell J-8	"	12:05	F853	"		✓	✓					
Cell K-8	"	12:10	F854	"		✓	✓					
Cell L-8	"	12:15	F855	"		✓	✓					
Cell G-9	"	11:35	F856	"		✓	✓					
Cell H-9	"	11:40	F857	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature) Kim W	8.10.99	15:00	Received by: (Signature) Jim P. Ofman	8.10.99	15:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

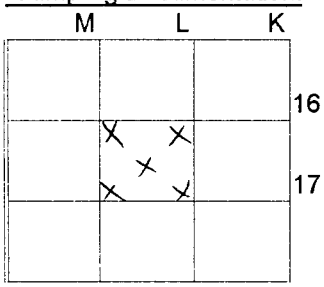
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-03	11-17-95	Meter # 94298	Valdez Gas Unit # A-18-CH	276
EPFS	96003-03	10-1-96	Line Drip	Lat. 2C-15 LD 266	18

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 L-16/ F723	PASS	0.0286	0.547	3.6

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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 Kieling Date 11/16/99

VAH:c:\123r5w\masters\LF-4

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 16	Date Reported:	07-27-99
Laboratory Number:	F723	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**28.6**	**0.9**
Toluene	**147**	**0.8**
Ethylbenzene	**21.5**	**0.8**
p,m-Xylene	**297**	**1.1**
o-Xylene	**53.3**	**0.5**
Total BTEX	**547**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 16	Date Reported:	07-27-99
Laboratory Number:	F723	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.5**	**0.2**
Diesel Range (C10 - C28)	**3.1**	**0.1**
Total Petroleum Hydrocarbons	**3.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-15	7-23-99	11:35	F719	Soil	1	✓	✓					
Cell K-16		9:55	F720		1	✓	✓					
Cell K-17		9:50	F721		1	✓	✓					
Cell K-18		9:50	F722		1	✓	✓					
Cell L-16		10:05	F723		1	✓	✓					
Cell L-17		10:05	F724		1	✓	✓					
Cell L-18		9:55	F725		1	✓	✓					
Cell M-16		10:15	F726		1	✓	✓					
Cell M-17		10:20	F727		1	✓	✓					
Cell M-18		10:15	F728		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kim Walker	7-23-99	12:45	Dawn L. Queen	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

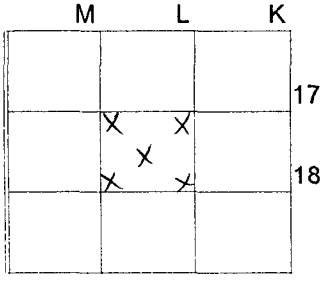
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-03	11-17-95	Meter # 94298	Valdez Gas Unit # A-1E-CH	290
EPFS	96003-03	11-29-95	Meter # 94734	Rito Com #2	126
EPFS	96003-03	11-29-95	Meter # 95731	Canyon Largo Unit 141	162
EPFS	96003-03	12-1-95	Meter # 93530	Apache # 28	270
EPFS	96003-03	10-1-96	Line Drip	Lat. 2C-15 LD 266	36

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 L-17/ F724	PASS	0.032	0.282	8.8

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	L - 17	Date Reported:	07-27-99
Laboratory Number:	F724	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**32.0**	**0.9**
Toluene	**84.9**	**0.8**
Ethylbenzene	**8.2**	**0.8**
p,m-Xylene	**136**	**1.1**
o-Xylene	**21.8**	**0.5**
Total BTEX	**282**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 17	Date Reported:	07-27-99
Laboratory Number:	F724	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.8**	**0.2**
Diesel Range (C10 - C28)	**8.0**	**0.1**
Total Petroleum Hydrocarbons	**8.8**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell F-15	7-23-99	11:35	F719	Soil	1	✓	✓					
Cell K-16		9:55	F720		1	✓	✓					
Cell K-17		9:50	F721		1	✓	✓					
Cell K-18		9:50	F722		1	✓	✓					
Cell L-16		10:05	F723		1	✓	✓					
Cell L-17		10:05	F724		1	✓	✓					
Cell L-18		9:55	F725		1	✓	✓					
Cell M-16		10:15	F726		1	✓	✓					
Cell M-17		10:20	F727		1	✓	✓					
Cell M-18		10:15	F728		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kim Wilson	7-23-99	12:45	Dawn L. Queen	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

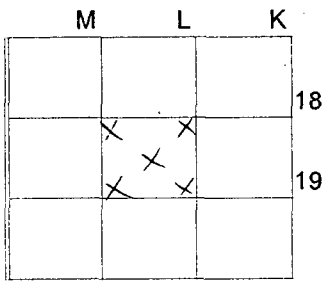
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-03	11-16-95	Meter # 92603	Marshall A #3	210
EPFS	96003-03	11-16-95	Well #1	Jennie Bunnie BTLE	72

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 L-18/ F725	PASS	0.0216	0.303	4.7

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 18	Date Reported:	07-27-99
Laboratory Number:	F725	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**21.6**	**0.9**
Toluene	**103**	**0.8**
Ethylbenzene	**8.9**	**0.8**
p,m-Xylene	**144**	**1.1**
o-Xylene	**25.3**	**0.5**
Total BTEX	**303**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 18	Date Reported:	07-27-99
Laboratory Number:	F725	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.4**	**0.2**
Diesel Range (C10 - C28)	**3.3**	**0.1**
Total Petroleum Hydrocarbons	**4.7**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	Btex					Remarks
Cell F-15	7-23-99	11:35	F719	Soil	1	✓	✓					
Cell K-16		9:55	F720		1	✓	✓					
Cell K-17		9:50	F721		1	✓	✓					
Cell K-18		9:50	F722		1	✓	✓					
Cell L-16		10:05	F723		1	✓	✓					
Cell L-17		10:05	F724		1	✓	✓					
Cell L-18		9:55	F725		1	✓	✓					
Cell M-16		10:15	F726		1	✓	✓					
Cell M-17		10:20	F727		1	✓	✓					
Cell M-18		10:15	F728		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kim Walters	7-23-99	12:45	Dawn L. Queen	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

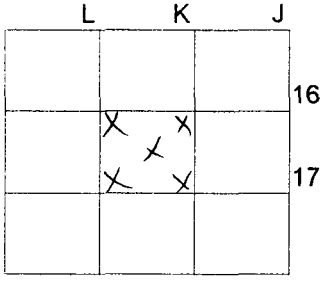
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-03	11-06-95	meter # 94495	Miles fed # 1E MV	208
EPFS	96003-03	12-1/12-2-9	meter # 93530	Apache # 28	198
EPFS	96003-03	12-2-95	meter # 95256	Lindreth B # 26	54
EPFS	96003-03	10-1-96	line drip	Trunk 115 LD 265	126

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 K-17/ F721	PASS	0.0501	0.374	24.2

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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 Martyne J Kieling Date 11/16/99

VAH:c:\123r5w\masters\LF-4

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 17	Date Reported:	07-27-99
Laboratory Number:	F721	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**50.1**	**0.9**
Toluene	**114**	**0.8**
Ethylbenzene	**129**	**0.8**
p,m-Xylene	**46.2**	**1.1**
o-Xylene	**34.8**	**0.5**
Total BTEX	**374**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 17	Date Reported:	07-27-99
Laboratory Number:	F721	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.2**	**0.2**
Diesel Range (C10 - C28)	**23.0**	**0.1**
Total Petroleum Hydrocarbons	**24.2**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Soil TPH	Btex					Remarks
Cell F-15	7.23.99	11:35	F719	Soil	1	✓	✓					
Cell K-16	"	9:55	F720	"	1	✓	✓					
Cell K-17	"	9:50	F721	"	1	✓	✓					
Cell K-18	"	9:50	F722	"	1	✓	✓					
Cell L-16	"	10:05	F723	"	1	✓	✓					
Cell L-17	"	10:05	F724	"	1	✓	✓					
Cell L-18	"	9:55	F725	"	1	✓	✓					
Cell M-16	"	10:15	F726	"	1	✓	✓					
Cell M-17	"	10:20	F727	"	1	✓	✓					
Cell M-18	"	10:15	F728	"	1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.23.99	12:45	Received by: (Signature)	7.23.99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

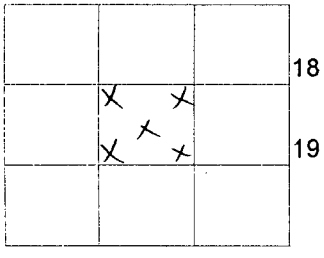
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 96003-03	11-16-95	meter # 92603	Marshall A #3	274

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 K-18/ F722	PASS	0.0255	0.365	3.6

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

VAH:c:\123r5w\masters\LF-4

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 18	Date Reported:	07-27-99
Laboratory Number:	F722	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**25.5**	**0.9**
Toluene	**67.8**	**0.8**
Ethylbenzene	**12.5**	**0.8**
p,m-Xylene	**212**	**1.1**
o-Xylene	**46.5**	**0.5**
Total BTEX	**365**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 18	Date Reported:	07-27-99
Laboratory Number:	F722	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.7**	**0.2**
Diesel Range (C10 - C28)	**2.9**	**0.1**
Total Petroleum Hydrocarbons	**3.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location
Envirotech	Landfarm 2 unit 5
Sampler:	**Client No.**
Kw & CT	9102005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell F-15	7.23.99	11:35	F719	Soil	1	✓	✓					
Cell K-16		9:55	F720		1	✓	✓					
Cell K-17		9:50	F721		1	✓	✓					
Cell K-18		9:50	F722		1	✓	✓					
Cell L-16		10:05	F723		1	✓	✓					
Cell L-17		10:05	F724		1	✓	✓					
Cell L-18		9:55	F725		1	✓	✓					
Cell M-16		10:15	F726		1	✓	✓					
Cell M-17		10:20	F727		1	✓	✓					
Cell M-18		10:15	F728		1	✓	✓					

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kim Walker	7.23.99	12:45	Adrienne L. Queen	7.23.99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

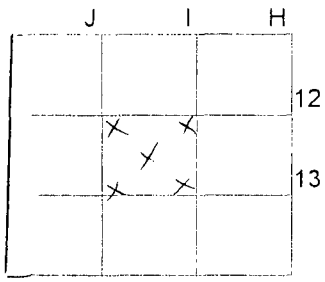
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
E.P.FS	96003-03	7-1/7-7-98	North Pond	Kutz Plant	150
E.P.FS	96003-03	7-9-98	Oily Gravel	Kutz Plant	1 drum
E.P.FS	96003-03	7-9-98	Fiberglass Tank	Kutz Plant	1

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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-12/ F823	PASS	0.0416	0.774	35.2

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 12	Date Reported:	08-06-99
Laboratory Number:	F823	Date Sampled:	08-05-99
Chain of Custody:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-06-99
Preservative:	Cool	Date Extracted:	08-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**41.6**	**0.9**
Toluene	**225**	**0.8**
Ethylbenzene	**62.6**	**0.8**
p,m-Xylene	**362**	**1.1**
o-Xylene	**82.4**	**0.5**
Total BTEX	**774**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 12	Date Reported:	08-06-99
Laboratory Number:	F823	Date Sampled:	08-05-99
Chain of Custody No:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-05-99
Preservative:	Cool	Date Analyzed:	08-06-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**6.2**	**0.2**
Diesel Range (C10 - C28)	**29.0**	**0.1**
Total Petroleum Hydrocarbons	**35.2**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-06-BTEX QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0879E+000	1.0905E+000	0.2%	ND	0.2
Toluene	9.4472E-001	9.4643E-001	0.2%	ND	0.2
Ethylbenzene	1.3073E-001	1.3100E-001	0.2%	ND	0.2
p,m-Xylene	1.1712E-001	1.1741E-001	0.3%	ND	0.2
o-Xylene	1.0339E-001	1.0357E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept. Range	Detect. Limit
Benzene	28.4	27.7	2.5%	0 - 30%	0.9
Toluene	120	117	3.0%	0 - 30%	0.8
Ethylbenzene	53.6	52.0	3.0%	0 - 30%	0.8
p,m-Xylene	193	187	2.8%	0 - 30%	1.1
o-Xylene	52.4	51.2	2.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range
Benzene	28.4	50.0	78.3	100%	39 - 150
Toluene	120	50.0	170	100%	46 - 148
Ethylbenzene	53.6	50.0	104	100%	32 - 160
p,m-Xylene	193	100.0	292	100%	46 - 148
o-Xylene	52.4	50.0	102	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 F817 - F826.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-06-TPH QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis Requested:	TPH

QC	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	0.08%	0 - 15%
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	1.2	1.1	8.3%	0 - 30%
Diesel Range C10 - C28	52.5	52.3	0.4%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.2	250	251	100%	75 - 125%
Diesel Range C10 - C28	52.5	250	302	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 F817 - F826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7262

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-12	8.5.99	9:15	F817	SOIL		✓	✓					
Cell F-13	"	9:10	F818	"		✓	✓					
Cell G-12	"	9:20	F819	"		✓	✓					
Cell G-13	"	9:25	F820	"		✓	✓					
Cell H-12	"	9:30	F821	"		✓	✓					
Cell H-13	"	9:35	F822	"		✓	✓					
Cell I-12	"	9:40	F823	"		✓	✓					
Cell I-13	"	9:45	F824	"		✓	✓					
Cell J-12	"	10:05	F825	"		✓	✓					
Cell J-13	"	9:55	F826	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	8.5.99	14:00	Received by: (Signature)	8.5.99	1400
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

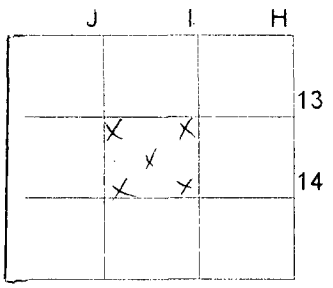
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd

Sampling Documentation:



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

Sample Date: 8/05/99 Sampler: KW

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-13/ F824	PASS	0.0161	1.2	19.3

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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 Martyne J Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 13	Date Reported:	08-06-99
Laboratory Number:	F824	Date Sampled:	08-05-99
Chain of Custody:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Analyzed:	08-06-99
Preservative:	Cool	Date Extracted:	08-05-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**16.1**	**0.9**
Toluene	**514**	**0.8**
Ethylbenzene	**66.9**	**0.8**
p,m-Xylene	**494**	**1.1**
o-Xylene	**107**	**0.5**
Total BTEX	**1,200**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 13	Date Reported:	08-06-99
Laboratory Number:	F824	Date Sampled:	08-05-99
Chain of Custody No:	7262	Date Received:	08-05-99
Sample Matrix:	Soil	Date Extracted:	08-05-99
Preservative:	Cool	Date Analyzed:	08-06-99
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)	**12.0**	**0.1**
Total Petroleum Hydrocarbons	**19.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-06-BTEX QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0879E+000	1.0905E+000	0.2%	ND	0.2
Toluene	9.4472E-001	9.4643E-001	0.2%	ND	0.2
Ethylbenzene	1.3073E-001	1.3100E-001	0.2%	ND	0.2
p,m-Xylene	1.1712E-001	1.1741E-001	0.3%	ND	0.2
o-Xylene	1.0339E-001	1.0357E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	28.4	27.7	2.5%	0 - 30%	0.9
Toluene	120	117	3.0%	0 - 30%	0.8
Ethylbenzene	53.6	52.0	3.0%	0 - 30%	0.8
p,m-Xylene	193	187	2.8%	0 - 30%	1.1
o-Xylene	52.4	51.2	2.3%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	28.4	50.0	78.3	100%	39 - 150
Toluene	120	50.0	170	100%	46 - 148
Ethylbenzene	53.6	50.0	104	100%	32 - 160
p,m-Xylene	193	100.0	292	100%	46 - 148
o-Xylene	52.4	50.0	102	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 F817 - F826.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-06-TPH QA/QC	Date Reported:	08-06-99
Laboratory Number:	F817	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-06-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	1.2099E-001	1.2089E-001	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.3747E-002	4.3677E-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	**1.2**	**1.1**	**8.3%**	**0 - 30%**
Diesel Range C10 - C28	**52.5**	**52.3**	**0.4%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.2**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**52.5**	**250**	**302**	**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 F817 - F826.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7262

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell F-12	8.5.99	9:15	F817	SOIL		✓	✓					
Cell F-13	"	9:10	F818	"		✓	✓					
Cell G-12	"	9:20	F819	"		✓	✓					
Cell G-13	"	9:25	F820	"		✓	✓					
Cell H-12	"	9:30	F821	"		✓	✓					
Cell H-13	"	9:35	F822	"		✓	✓					
Cell I-12	"	9:40	F823	"		✓	✓					
Cell I-13	"	9:45	F824	"		✓	✓					
Cell J-12	"	10:05	F825	"		✓	✓					
Cell J-13	"	9:55	F826	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8.5.99	14:00	[signature]	8.5.99	1400
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8-23-99

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

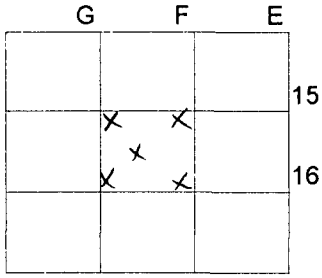
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
El Paso Field Service 96003-03	10-17-96	Sep. or Dehy Pit	G.C.U. D #160 meter 14046	288
El Paso Field Service 96003-03	10-17-96	Sep. or Dehy Pit	G.C.U. D #160 meter 14046	36

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 F-15/ F719	PASS	0.152	1.65	20.1

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

VAH:c:\123r5w\masters\LF-4

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 15	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**152**	**0.9**
Toluene	**293**	**0.8**
Ethylbenzene	**195**	**0.8**
p,m-Xylene	**762**	**1.1**
o-Xylene	**250**	**0.5**
Total BTEX	**1,650**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 15	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**5.8**	**0.2**
Diesel Range (C10 - C28)	**14.3**	**0.1**
Total Petroleum Hydrocarbons	**20.1**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Soil TPH	Btex					Remarks
Cell F-15	7-23-99	11:35	F719	Soil	1	✓	✓					
Cell K-16		9:55	F720		1	✓	✓					
Cell K-17		9:50	F721		1	✓	✓					
Cell K-18		9:50	F722		1	✓	✓					
Cell L-16		10:05	F723		1	✓	✓					
Cell L-17		10:05	F724		1	✓	✓					
Cell L-18		9:55	F725		1	✓	✓					
Cell M-16		10:15	F726		1	✓	✓					
Cell M-17		10:20	F727		1	✓	✓					
Cell M-18		10:15	F728		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kim Walters	7-23-99	12:45	Donna L. Queen	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/23/99

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

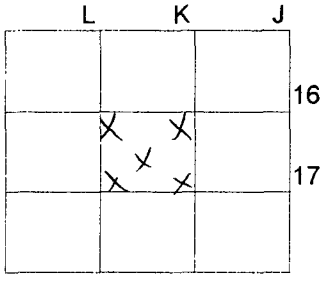
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 96003-03	10-01-96	Line Drip	Lat 2C - 15 LD 266	36

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 K-16/ F720	PASS	0.152	1.65	20.1

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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 Kieling Date 11/16/99

VAH:c:\123r5w\masters\LF-4

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 16	Date Reported:	07-27-99
Laboratory Number:	F720	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**157**	**0.9**
Toluene	**593**	**0.8**
Ethylbenzene	**249**	**0.8**
p,m-Xylene	**1,270**	**1.1**
o-Xylene	**300**	**0.5**
Total BTEX	**2,570**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 16	Date Reported:	07-27-99
Laboratory Number:	F720	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**2.6**	**0.2**
Diesel Range (C10 - C28)	**9.7**	**0.1**
Total Petroleum Hydrocarbons	**12.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX					Remarks
Cell F-15	7.23.99	11:35	F719	Soil	1	✓	✓					
Cell K-16		9:55	F720		1	✓	✓					
Cell K-17		9:50	F721		1	✓	✓					
Cell K-18		9:50	F722		1	✓	✓					
Cell L-16		10:05	F723		1	✓	✓					
Cell L-17		10:05	F724		1	✓	✓					
Cell L-18		9:55	F725		1	✓	✓					
Cell M-16		10:15	F726		1	✓	✓					
Cell M-17		10:20	F727		1	✓	✓					
Cell M-18		10:15	F728		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.23.99	12:45	Received by: (Signature)	7.23.99	12:41
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

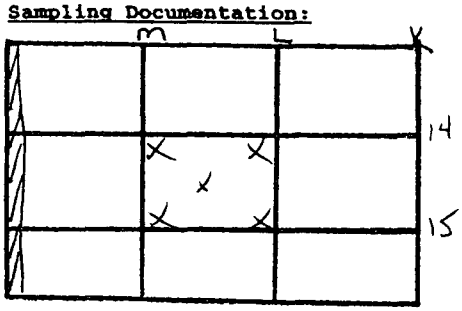
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	11-20-95 11.17.95	Charley PAH	mete 97152	162
" "	11.20.95	Argo #18	" 93780	116
" "	8.26.97	Trunk A Drip 4-1	Line Drip	46

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): L-14

Sample Date: 7.27.99 Sampler: KD & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell L-14/Flat	Pass	0.0015	0.0505	2.7

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 Martyne J. Kieling Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 14	Date Reported:	07-29-99
Laboratory Number:	F761	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6.5**	**0.9**
Toluene	**11.9**	**0.8**
Ethylbenzene	**3.1**	**0.8**
p,m-Xylene	**22.9**	**1.1**
o-Xylene	**6.1**	**0.5**
Total BTEX	**50.5**	

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.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 14	Date Reported:	07-29-99
Laboratory Number:	F761	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.8**	**0.2**
Diesel Range (C10 - C28)	**1.9**	**0.1**
Total Petroleum Hydrocarbons	**2.7**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.27.99	14:05	Received by: (Signature)	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

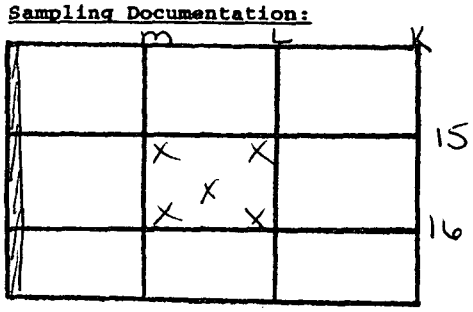
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003.03	11.17.95	Jema PAH	meta M18816	234
" "	11.20.95	Argo # 1E	" 93780	20
" "	8.26.97	Trunk K Drip	Line Drip	120

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): L-15

Sample Date: 7.27.99 Sampler: KL/BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell L-15/F762	Pass	0.0077	0.0546	2.3

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 Martyne J Kieling Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 15	Date Reported:	07-29-99
Laboratory Number:	F762	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**7.7**	**0.9**
Toluene	**17.7**	**0.8**
Ethylbenzene	**3.7**	**0.8**
p,m-Xylene	**46.1**	**1.1**
o-Xylene	**9.4**	**0.5**
Total BTEX	**84.6**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell L - 15	Date Reported:	07-29-99
Laboratory Number:	F762	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.27.99	14:05	Received by: (Signature)	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

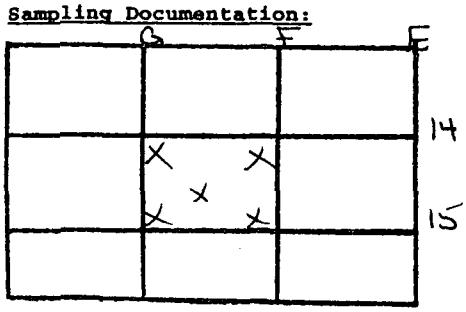
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	3.18.97 3.20.97	Chaco Plant	N. & S. Contact Pond	470
" "	4.11.97	S. Lateral 32-9 #13-1		72

Sampling Documentation:



Landfarm # 2 units Cell(s): F-14

Sample Date: 7.27.99 Sampler: KW & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell F-14/F750	Pass	0.0195	0.738	3.4

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 Martyne J Kieling Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 14	Date Reported:	07-28-99
Laboratory Number:	F750	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**19.5**	**0.9**
Toluene	**270**	**0.8**
Ethylbenzene	**48.5**	**0.8**
p,m-Xylene	**343**	**1.1**
o-Xylene	**56.8**	**0.5**
Total BTEX	**738**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell F - 14	Date Reported:	07-28-99
Laboratory Number:	F750	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**2.2**	**0.2**
Diesel Range (C10 - C28)	**1.2**	**0.1**
Total Petroleum Hydrocarbons	**3.4**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

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

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

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

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples F745 - F754.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7178

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell C-13	7-27-99	11:10	F745	SOIL		✓	✓					
Cell D-12	"	11:00	F746	"		✓	✓					
Cell D-13	"	11:00	F747	"		✓	✓					
Cell E-12	"	11:30	F748	"		✓	✓					
Cell E-13	"	11:30	F749	"		✓	✓					
Cell F-14	"	9:53	F750	"		✓	✓					
Cell G-14	"	9:48	F751	"		✓	✓					
Cell G-15	"	9:49	F752	"		✓	✓					
Cell H-14	"	10:10	F753	"		✓	✓					
Cell H-15	"	9:55	F754	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	7-27-99	14:05	[signature]	7-27-99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

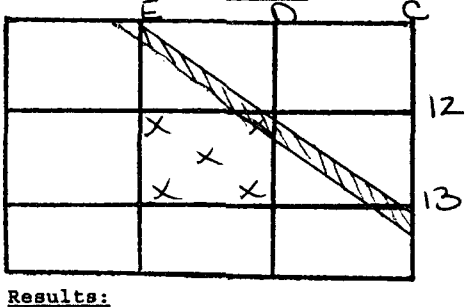
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	4.13.95	Trunk D-Line Loop D-8	Line Drip	216

Sampling Documentation:



Landfarm # 2 units Cell(s): D-12

Sample Date: 7.27.99 Sampler: KW & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell D-12/F746	Pass	0.0368	0.725	7.3

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 Martyne J Kieling Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 12	Date Reported:	07-28-99
Laboratory Number:	F746	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**36.8**	**0.9**
Toluene	**63.0**	**0.8**
Ethylbenzene	**75.4**	**0.8**
p,m-Xylene	**455**	**1.1**
o-Xylene	**94.9**	**0.5**
Total BTEX	**725**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 12	Date Reported:	07-28-99
Laboratory Number:	F746	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**3.2**	**0.2**
Diesel Range (C10 - C28)	**4.1**	**0.1**
Total Petroleum Hydrocarbons	**7.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

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

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

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

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples F745 - F754.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7178

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell C-13	7-27-99	11:10	F745	SOIL		✓	✓					
Cell D-12	"	11:00	F746	"		✓	✓					
Cell D-13	"	11:00	F747	"		✓	✓					
Cell E-12	"	11:30	F748	"		✓	✓					
Cell E-13	"	11:30	F749	"		✓	✓					
Cell F-14	"	9:53	F750	"		✓	✓					
Cell G-14	"	9:48	F751	"		✓	✓					
Cell G-15	"	9:49	F752	"		✓	✓					
Cell H-14	"	10:10	F753	"		✓	✓					
Cell H-15	"	9:55	F754	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-27-99	14:05		7-27-99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8·11·99

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

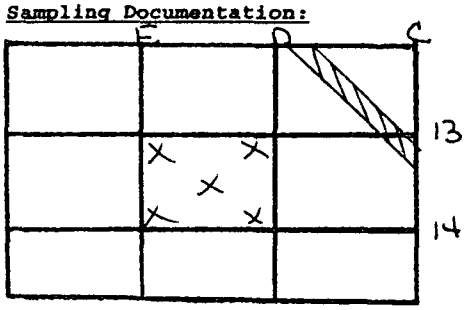
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	3·27·99 3·28·99	Hammond #41A	mtr. 89894	502
" "	3·28·97	DC NA H32G #1	#74439	72
" "	6·15·98	Coyote Gulch	Charcoal	60

Sampling Documentation:



Landfarm # 2 wits Cell(s): D-13

Sample Date: 7·27·99 Sampler: KW & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell D-13 F747	Pass	0.0147	0.182	10.1

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 Martyne J. Kieling Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 13	Date Reported:	07-28-99
Laboratory Number:	F747	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**14.7**	**0.9**
Toluene	**62.5**	**0.8**
Ethylbenzene	**5.9**	**0.8**
p,m-Xylene	**86.9**	**1.1**
o-Xylene	**12.3**	**0.5**
Total BTEX	**182**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 13	Date Reported:	07-28-99
Laboratory Number:	F747	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**2.1**	**0.2**
Diesel Range (C10 - C28)	**8.0**	**0.1**
Total Petroleum Hydrocarbons	**10.1**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

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

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

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

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7178

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell C-13	7-27-99	11:10	F745	SOIL		✓	✓					
Cell D-12		11:00	F746			✓	✓					
Cell D-13		11:00	F747			✓	✓					
Cell E-12		11:30	F748			✓	✓					
Cell E-13		11:30	F749			✓	✓					
Cell F-14		9:53	F750			✓	✓					
Cell G-14		9:48	F751			✓	✓					
Cell G-15		9:49	F752			✓	✓					
Cell H-14		10:10	F753			✓	✓					
Cell H-15		9:55	F754			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-27-99	14:05		7-27-99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

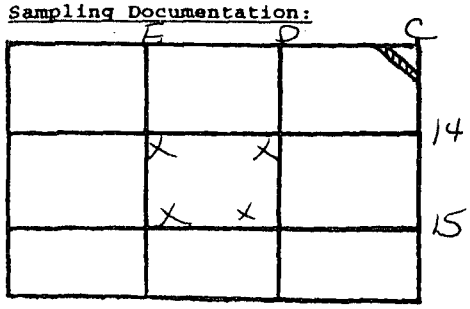
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPNG 96033-11	2.14.97 2.18.97	White Rock	Comp. Station	390

Sampling Documentation:



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

Sample Date: 7.23.99 Sampler: KLW & CT

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell D-14/F715	Pass	0.0348	0.0692	ND

Respectfully submitted,
Envirotech Inc.

Christine M Walters

Christine M. Walters
Laboratory Technician

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

For State Use Only:

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

NMOCD Aztec _____ Date _____

NMOCD Santa Fe Montgomery J Kelly Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 14	Date Reported:	07-26-99
Laboratory Number:	F715	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 14	Date Reported:	07-26-99
Laboratory Number:	F715	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**34.8**	**0.9**
Toluene	**9.9**	**0.8**
Ethylbenzene	**3.4**	**0.8**
p,m-Xylene	**15.6**	**1.1**
o-Xylene	**5.5**	**0.5**
Total BTEX	**69.2**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

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

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

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

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples F709 - F718.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

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

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

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F709 - F718.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7176

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 Unit 5	
Sampler: KW ; CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell A-14	7-23-99	11:00	F709	Soil		✓	✓					
Cell A-15	"	11:00	F710	"		✓	✓					
Cell B-14	"	11:04	F711	"		✓	✓					
Cell B-15	"	11:05	F712	"		✓	✓					
Cell C-14	"	11:10	F713	"		✓	✓					
Cell C-15	"	11:10	F714	"		✓	✓					
Cell D-14	"	11:20	F715	"		✓	✓					
Cell D-15	"	11:20	F716	"		✓	✓					
Cell E-14	"	11:30	F717	"		✓	✓					
Cell E-15	"	11:30	F718	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7-23-99	12:45	Received by: (Signature)	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

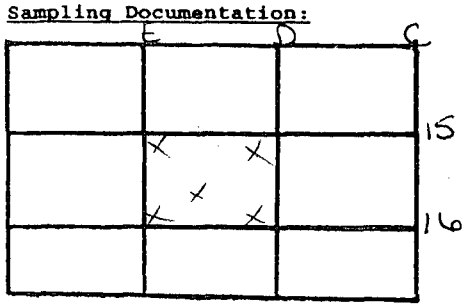
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	10.16.96 10.17.96	GCU Com A 142-E	# 03506	252
" "	10.17.96	GCU Com A 160	# 14046	126

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): D-15

Sample Date: 7.23.99 Sampler: KLJ CT

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell D-15/F716	Pass	0.00867	0.03316	0.2

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 Montoya J. Kuby Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 15	Date Reported:	07-26-99
Laboratory Number:	F716	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell D - 15	Date Reported:	07-26-99
Laboratory Number:	F716	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6.7**	**0.9**
Toluene	**2.7**	**0.8**
Ethylbenzene	**3.2**	**0.8**
p,m-Xylene	**15.6**	**1.1**
o-Xylene	**5.4**	**0.5**
Total BTEX	**33.6**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

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

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

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

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for samples F709 - F718.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

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

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

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

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

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for samples F709 - F718.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7176

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 Unit 5	
Sampler: KW ; CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell A-14	7-23-99	11:00	F709	SOIL		✓	✓					
Cell A-15		11:00	F710			✓	✓					
Cell B-14		11:04	F711			✓	✓					
Cell B-15		11:05	F712			✓	✓					
Cell C-14		11:10	F713			✓	✓					
Cell C-15		11:10	F714			✓	✓					
Cell D-14		11:20	F715			✓	✓					
Cell D-15		11:20	F716			✓	✓					
Cell E-14		11:30	F717			✓	✓					
Cell E-15		11:30	F718			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	7-23-99	12:45	[signature]	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

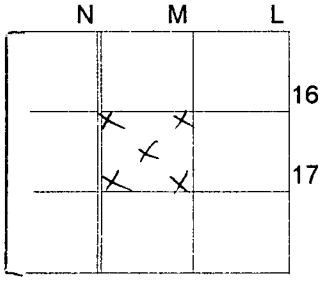
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Description	Source Location	Vol cu yd
EPFS 96003-03	11-17-95	Meter # 94298	Valdez Gas Unit # A-1E-CH	280

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 M-16/ F726	PASS	0.0817	1.05	3.8

Respectfully submitted,
Envirotech, Inc.

Christine M Walters

Christine M. Walters
Labatory 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. Kieft Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 16	Date Reported:	07-27-99
Laboratory Number:	F726	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**81.7**	**0.9**
Toluene	**274**	**0.8**
Ethylbenzene	**66.9**	**0.8**
p,m-Xylene	**510**	**1.1**
o-Xylene	**119**	**0.5**
Total BTEX	**1,050**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 16	Date Reported:	07-27-99
Laboratory Number:	F726	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.5**	**0.2**
Diesel Range (C10 - C28)	**2.3**	**0.1**
Total Petroleum Hydrocarbons	**3.8**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX	TPH 8015					Remarks
Cell F-15	7-23-99	11:35	F719	Soil	1	✓	✓					
Cell K-16		9:55	F720		1	✓	✓					
Cell K-17		9:50	F721		1	✓	✓					
Cell K-18		9:50	F722		1	✓	✓					
Cell L-16		10:05	F723		1	✓	✓					
Cell L-17		10:05	F724		1	✓	✓					
Cell L-18		9:55	F725		1	✓	✓					
Cell M-16		10:15	F726		1	✓	✓					
Cell M-17		10:20	F727		1	✓	✓					
Cell M-18		10:15	F728		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kim Walker	7-23-99	12:45	Dawn L. Queen	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
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Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

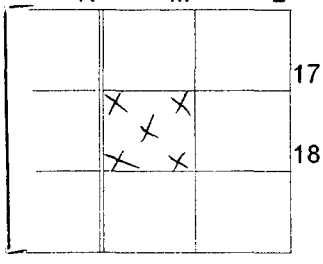
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-03	11-17-95	Meter # 94298	Valdez Gas Unit # A-1E-CH	260
EPFS	96003-03	11-29-95	Meter # 95731	Canyon Largo Unit 141	36
EPFS	96003-03	12-1-95	Meter # 93530	Apache # 28	252

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 M-17/ F727	PASS	0.0927	1.44	4.3

Respectfully submitted,

Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Labatory 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 Martyne J. Kieling Date 11/16/99

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 17	Date Reported:	07-27-99
Laboratory Number:	F727	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**92.7**	**0.9**
Toluene	**343**	**0.8**
Ethylbenzene	**139**	**0.8**
p,m-Xylene	**729**	**1.1**
o-Xylene	**134**	**0.5**
Total BTEX	**1,440**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 17	Date Reported:	07-27-99
Laboratory Number:	F727	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.7**	**0.2**
Diesel Range (C10 - C28)	**2.6**	**0.1**
Total Petroleum Hydrocarbons	**4.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	Btex					Remarks
Cell F-15	7-23-99	11:35	F719	Soil	1	✓	✓					
Cell K-16		9:55	F720		1	✓	✓					
Cell K-17		9:50	F721		1	✓	✓					
Cell K-18		9:50	F722		1	✓	✓					
Cell L-16		10:05	F723		1	✓	✓					
Cell L-17		10:05	F724		1	✓	✓					
Cell L-18		9:55	F725		1	✓	✓					
Cell M-16		10:15	F726		1	✓	✓					
Cell M-17		10:20	F727		1	✓	✓					
Cell M-18		10:15	F728		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kim Wilson	7-23-99	12:45	Dawn L. Queen	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date: 8/25/99

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

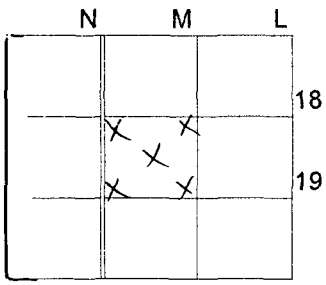
Dear Mr. Anderson:

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

Generator Information:

Generator		Date	Description	Source Location	Vol cu yd
EPFS	96003-03	11-16-95	Meter # 71801	ADA Canelaria	182
EPFS	96003-03	11-17-95	Meter # 74943	N.M. Com #G-1	20
EPFS	96003-03	11-17-95	Meter # 94298	Valdez Gas Unit # A-1E-CH	70

Sampling Documentation:



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

Sample Date: 7/23/99 Sampler: KW & CT

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 M-18/ F728	PASS	0.0058	0.314	8.9

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters
Labatory 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

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 18	Date Reported:	07-27-99
Laboratory Number:	F728	Date Sampled:	07-23-99
Chain of Custody:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-27-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**5.8**	**0.9**
Toluene	**112**	**0.8**
Ethylbenzene	**13.4**	**0.8**
p,m-Xylene	**156**	**1.1**
o-Xylene	**27.5**	**0.5**
Total BTEX	**314**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 18	Date Reported:	07-27-99
Laboratory Number:	F728	Date Sampled:	07-23-99
Chain of Custody No:	7173	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-27-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.7**	**0.2**
Diesel Range (C10 - C28)	**8.2**	**0.1**
Total Petroleum Hydrocarbons	**8.9**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**5.8**	**5.8**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**14.3**	**14.3**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**5.8**	**250**	**255**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**14.3**	**250**	**264**	**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 F719 - F728.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-27-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F719	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-99
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	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	152	152	0.0%	0 - 30%	0.9
Toluene	293	292	0.3%	0 - 30%	0.8
Ethylbenzene	195	194	0.2%	0 - 30%	0.8
p,m-Xylene	762	762	0.0%	0 - 30%	1.1
o-Xylene	250	251	0.4%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	152	50.0	202	100%	39 - 150
Toluene	293	50.0	342	100%	46 - 148
Ethylbenzene	195	50.0	244	100%	32 - 160
p,m-Xylene	762	100.0	861	100%	46 - 148
o-Xylene	250	50.0	299	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 F719 - F728.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7173

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 unit 5	
Sampler: KW & CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Soil TPH	Btex					Remarks
Cell F-15	7-23-99	11:35	F719	Soil	1	✓	✓					
Cell K-16	"	9:55	F720	"	1	✓	✓					
Cell K-17	"	9:50	F721	"	1	✓	✓					
Cell K-18	"	9:50	F722	"	1	✓	✓					
Cell L-16	"	10:05	F723	"	1	✓	✓					
Cell L-17	"	10:05	F724	"	1	✓	✓					
Cell L-18	"	9:55	F725	"	1	✓	✓					
Cell M-16	"	10:15	F726	"	1	✓	✓					
Cell M-17	"	10:20	F727	"	1	✓	✓					
Cell M-18	"	10:15	F728	"	1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7-23-99	12:45	Received by: (Signature)	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

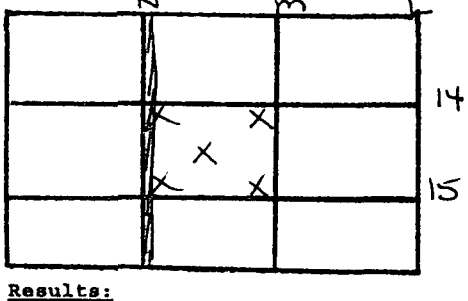
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	11.13.95	Loop D-3 Trunk D-Line	Line Drip	266

Sampling Documentation:



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

Sample Date: 7.27.99 Sampler: KL/BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell M-14 F763	Pass	0.0064	0.0588	1.4

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 Montgomery J Kisly Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 14	Date Reported:	07-29-99
Laboratory Number:	F763	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6.4**	**0.9**
Toluene	**13.9**	**0.8**
Ethylbenzene	**2.9**	**0.8**
p,m-Xylene	**29.0**	**1.1**
o-Xylene	**6.6**	**0.5**
Total BTEX	**58.8**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 14	Date Reported:	07-29-99
Laboratory Number:	F763	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.4**	**0.2**
Diesel Range (C10 - C28)	**1.0**	**0.1**
Total Petroleum Hydrocarbons	**1.4** ✓	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.27.99	14:05	Received by: (Signature)	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

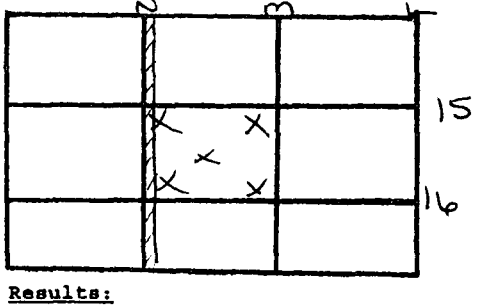
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96CX03-03	11.17.95	Weee #1 AAA Cordelaria	meter # 71801	204
" "	"	Jemez PAH #1	" 71816	36
" "	"	# A-1E-CH Valley Cons Unit	" 92498	30

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): M-15

Sample Date: 7.27.99 Sampler: KL & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell M-15 F764	Pass	0.0281	0.48	1.9

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 Montgomery J. Kelly Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 15	Date Reported:	07-29-99
Laboratory Number:	F764	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**28.1**	**0.9**
Toluene	**106**	**0.8**
Ethylbenzene	**45.0**	**0.8**
p,m-Xylene	**245**	**1.1**
o-Xylene	**55.5**	**0.5**
Total BTEX	**480**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell M - 15	Date Reported:	07-29-99
Laboratory Number:	F764	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.8**	**0.2**
Diesel Range (C10 - C28)	**1.1**	**0.1**
Total Petroleum Hydrocarbons	**1.9**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

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

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.27.99	14:05	Received by: (Signature)	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

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

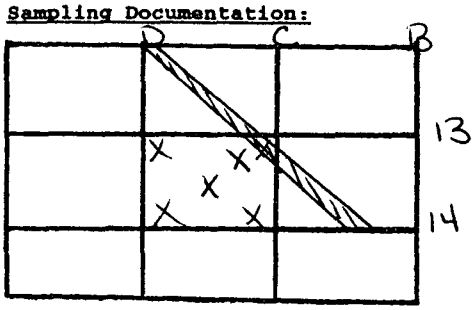
Dear Mr. Anderson:

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

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	2.11.95	Howell #3		280
" "	12.4.95	Florence #111	meter # 94403	100

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): C-13

Sample Date: 7.27.99 Sampler: KL, BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell C-13/F745	Pass	0.0314	0.288	8.5

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 Martyne J. Kieling Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 13	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**31.4**	**0.9**
Toluene	**92.7**	**0.8**
Ethylbenzene	**25.7**	**0.8**
p,m-Xylene	**115**	**1.1**
o-Xylene	**22.7**	**0.5**
Total BTEX	**288**	

ND - Parameter not detected at the stated detection limit.

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

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

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 13	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**3.0**	**0.2**
Diesel Range (C10 - C28)	**5.5**	**0.1**
Total Petroleum Hydrocarbons	**8.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

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

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

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-28-TPH QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A 7-27-99
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis Requested:	TPH

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

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**3.0**	**3.0**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**5.5**	**5.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**3.0**	**250**	**253**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**5.5**	**250**	**255**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.4	30.8	1.9%	0 - 30%	0.9
Toluene	92.7	90.5	2.4%	0 - 30%	0.8
Ethylbenzene	25.7	25.1	2.3%	0 - 30%	0.8
p,m-Xylene	115	113	2.1%	0 - 30%	1.1
o-Xylene	22.7	22.3	1.8%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	31.4	50.0	81.3	100%	39 - 150
Toluene	92.7	50.0	143	100%	46 - 148
Ethylbenzene	25.7	50.0	75.6	100%	32 - 160
p,m-Xylene	115	100.0	215	100%	46 - 148
o-Xylene	22.7	50.0	72.7	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7178

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNITS	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell C-13	7-27-99	11:10	F745	SOIL		✓	✓					
Cell D-12		11:00	F746			✓	✓					
Cell D-13		11:00	F747			✓	✓					
Cell E-12		11:30	F748			✓	✓					
Cell E-13		11:30	F749			✓	✓					
Cell F-14		9:53	F750			✓	✓					
Cell G-14		9:48	F751			✓	✓					
Cell G-15		9:49	F752			✓	✓					
Cell H-14		10:10	F753			✓	✓					
Cell H-15		9:55	F754			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-27-99	14:05		7-27-99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

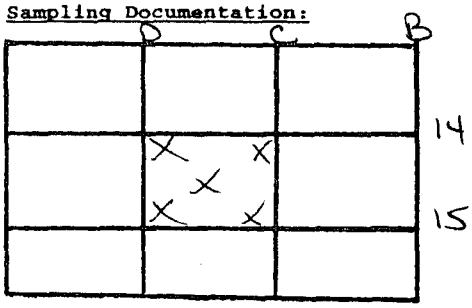
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPNG 96033-4	2.13.97	White Rock	Compressor Station	300

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): C-14

Sample Date: 7.23.99 Sampler: KLW, CT

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell C-14 F713	Pass	0.0076	0.074	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 Martyne J Kelly Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 14	Date Reported:	07-26-99
Laboratory Number:	F713	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**0.1**	**0.1**
Total Petroleum Hydrocarbons	**0.1**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 14	Date Reported:	07-26-99
Laboratory Number:	F713	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**7.6**	**0.9**
Toluene	**1.3**	**0.8**
Ethylbenzene	**ND**	**0.8**
p,m-Xylene	**ND**	**1.1**
o-Xylene	**8.5**	**0.5**
Total BTEX	**17.4**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**96 %**
	Bromofluorobenzene	**96 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-26-TPH QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	8.9863E-002	8.9792E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.9143E-002	4.9064E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples F709 - F718.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-26-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	9.5	9.3	2.1%	0 - 30%	0.9
Toluene	21.0	20.4	2.9%	0 - 30%	0.8
Ethylbenzene	8.1	7.9	2.5%	0 - 30%	0.8
p,m-Xylene	31.4	30.6	2.5%	0 - 30%	1.1
o-Xylene	11.0	10.7	2.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.5	50.0	59.5	100%	39 - 150
Toluene	21.0	50.0	71.0	100%	46 - 148
Ethylbenzene	8.1	50.0	58.1	100%	32 - 160
p,m-Xylene	31.4	100.0	131	100%	46 - 148
o-Xylene	11.0	50.0	61.0	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for samples F709 - F718.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7176

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 Unit 5	
Sampler: KW, CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell A-14	7-23-99	11:00	F709	Soil		✓	✓					
Cell A-15	"	11:00	F710	"		✓	✓					
Cell B-14	"	11:04	F711	"		✓	✓					
Cell B-15	"	11:05	F712	"		✓	✓					
Cell C-14	"	11:10	F713	"		✓	✓					
Cell C-15	"	11:10	F714	"		✓	✓					
Cell D-14	"	11:20	F715	"		✓	✓					
Cell D-15	"	11:20	F716	"		✓	✓					
Cell E-14	"	11:30	F717	"		✓	✓					
Cell E-15	"	11:30	F718	"		✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	7-23-99	12:45	[signature]	7-23-99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

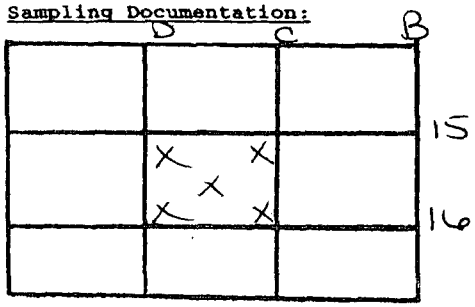
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
SPFS 96003-03	10.14.96 10.16.96	GCU Com A #142	# 63906	324

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): C-15

Sample Date: 7.23.99 Sampler: KLW, CT

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell C 15 / F714	Pass	0.00168	0.0444	ND

Respectfully submitted,
Envirotech Inc.

Christine M. Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____ Date _____

NMOCD Santa Fe Martyne J Kinsey Date _____

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 15	Date Reported:	07-26-99
Laboratory Number:	F714	Date Sampled:	07-23-99
Chain of Custody No:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Extracted:	07-26-99
Preservative:	Cool	Date Analyzed:	07-26-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell C - 15	Date Reported:	07-26-99
Laboratory Number:	F714	Date Sampled:	07-23-99
Chain of Custody:	7176	Date Received:	07-23-99
Sample Matrix:	Soil	Date Analyzed:	07-26-99
Preservative:	Cool	Date Extracted:	07-26-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6.8**	**0.9**
Toluene	**14.3**	**0.8**
Ethylbenzene	**2.2**	**0.8**
p,m-Xylene	**15.7**	**1.1**
o-Xylene	**5.4**	**0.5**
Total BTEX	**44.4**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**98 %**
	Bromofluorobenzene	**98 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-26-TPH QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range:
Gasoline Range C5 - C10	06-17-99	8.9863E-002	8.9792E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	4.9143E-002	4.9064E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range:
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample:	Spike Added:	Spike Result:	% Recovery:	Accept Range:
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples F709 - F718.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-26-BTEX QA/QC	Date Reported:	07-26-99
Laboratory Number:	F709	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	3.8394E-001	3.8487E-001	0.2%	ND	0.2
Toluene	1.2824E-001	1.2847E-001	0.2%	ND	0.2
Ethylbenzene	1.3900E-001	1.3930E-001	0.2%	ND	0.2
p,m-Xylene	1.5156E-001	1.5194E-001	0.3%	ND	0.2
o-Xylene	1.3670E-001	1.3693E-001	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	9.5	9.3	2.1%	0 - 30%	0.9
Toluene	21.0	20.4	2.9%	0 - 30%	0.8
Ethylbenzene	8.1	7.9	2.5%	0 - 30%	0.8
p,m-Xylene	31.4	30.6	2.5%	0 - 30%	1.1
o-Xylene	11.0	10.7	2.7%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	9.5	50.0	59.5	100%	39 - 150
Toluene	21.0	50.0	71.0	100%	46 - 148
Ethylbenzene	8.1	50.0	58.1	100%	32 - 160
p,m-Xylene	31.4	100.0	131	100%	46 - 148
o-Xylene	11.0	50.0	61.0	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for samples F709 - F718.

Analyst

Review

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CHAIN OF CUSTODY RECORD

7176

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Envirotech	Landfarm 2 Unit 5	
Sampler: KW ; CT	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell A-14	7.23.99	11:00	F709	SOIL		✓	✓					
Cell A-15	"	11:00	F710	"		✓	✓					
Cell B-14	"	11:04	F711	"		✓	✓					
Cell B-15	"	11:05	F712	"		✓	✓					
Cell C-14	"	11:10	F713	"		✓	✓					
Cell C-15	"	11:10	F714	"		✓	✓					
Cell D-14	"	11:20	F715	"		✓	✓					
Cell D-15	"	11:20	F716	"		✓	✓					
Cell E-14	"	11:30	F717	"		✓	✓					
Cell E-15	"	11:30	F718	"		✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.23.99	12:45	Received by: (Signature)	7.23.99	12:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

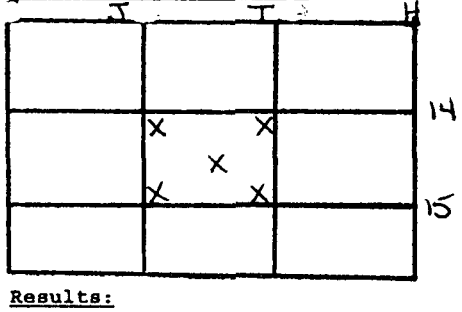
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-17	4.21.97 4.22.97	Blanco	North Sump	250

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): I-14

Sample Date: 7.27.99 Sampler: KL & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell I-14 F755	Pass	0.0369	1.49	9.0

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 Martyn J. Kieling Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 14	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**36.9**	**0.9**
Toluene	**25.2**	**0.8**
Ethylbenzene	**266**	**0.8**
p,m-Xylene	**877**	**1.1**
o-Xylene	**284**	**0.5**
Total BTEX	**1,490**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 14	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.5**	**0.2**
Diesel Range (C10 - C28)	**7.5**	**0.1**
Total Petroleum Hydrocarbons	**9.0**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:35	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	7.27.99	14:05	[signature]	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

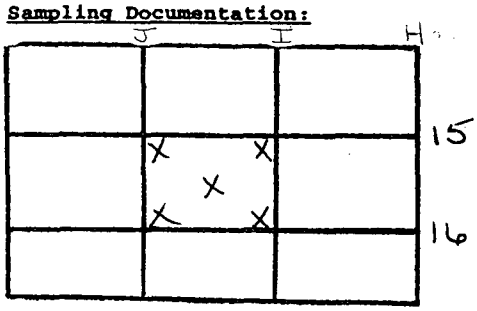
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-14	2-5-97 2-11-97	Coyote Gulch	Comp. Station	340

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): I-15

Sample Date: 7.27.99 Sampler: KLW BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell I-15/FT56	Pass	0.0103	0.128	3.1

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 Martyne J Kieling Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 15	Date Reported:	07-29-99
Laboratory Number:	F756	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**10.3**	**0.9**
Toluene	**33.4**	**0.8**
Ethylbenzene	**10.1**	**0.8**
p,m-Xylene	**59.3**	**1.1**
o-Xylene	**14.7**	**0.5**
Total BTEX	**128**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell I - 15	Date Reported:	07-29-99
Laboratory Number:	F756	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**3.1**	**0.1**
Total Petroleum Hydrocarbons	**3.1**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7.27.99	14:05		7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

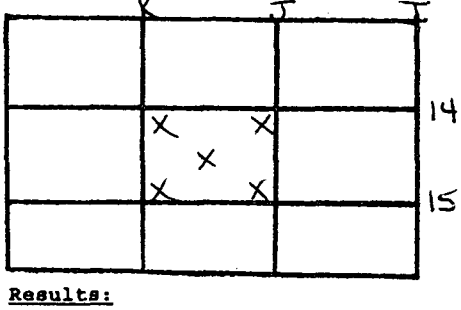
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-17	4.23.97 4.24.97	Blanco	South Sump	290
" "	4.22.97	Blanco	North Sump	30

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): J-14

Sample Date: 7.28.99 Sampler: KL/BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-14 F757	Pass	0.0136	0.125	81.2

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 Martyne J. Kieling Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 14	Date Reported:	07-29-99
Laboratory Number:	F757	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**13.6**	**0.9**
Toluene	**13.7**	**0.8**
Ethylbenzene	**2.7**	**0.8**
p,m-Xylene	**52.9**	**1.1**
o-Xylene	**41.7**	**0.5**
Total BTEX	**125**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 14	Date Reported:	07-29-99
Laboratory Number:	F757	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**81.2**	**0.1**
Total Petroleum Hydrocarbons	**81.2**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.27.99	14:05	Received by: (Signature)	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

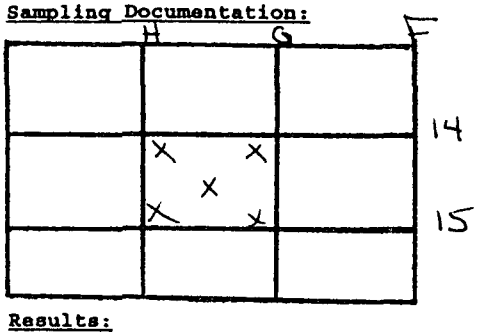
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	3-25-97 3-26-97	meter 85894 Hammond 41A	Sep & Deh P.I	414
" "	3-18-97	Chaco Plant	N & S Contact Pond	128
" "	4-11-97	meter 76341 S. Ute 32-9 #73-1	Sep & Deh P.I	90

Sampling Documentation:



Landfarm # 2 units Cell(s): G-14

Sample Date: 7.27.99 Sampler: KW & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-14/F751	Pass	0.0937	1.22	25.7

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 Martyne J Kieling Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 14	Date Reported:	07-28-99
Laboratory Number:	F751	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**93.7**	**0.9**
Toluene	**210**	**0.8**
Ethylbenzene	**90.4**	**0.8**
p,m-Xylene	**534**	**1.1**
o-Xylene	**292**	**0.5**
Total BTEX	**1,220**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 14	Date Reported:	07-28-99
Laboratory Number:	F751	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**3.5**	**0.2**
Diesel Range (C10 - C28)	**22.2**	**0.1**
Total Petroleum Hydrocarbons	**25.7**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-28-TPH QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**3.0**	**3.0**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**5.5**	**5.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**3.0**	**250**	**253**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**5.5**	**250**	**255**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.4	30.8	1.9%	0 - 30%	0.9
Toluene	92.7	90.5	2.4%	0 - 30%	0.8
Ethylbenzene	25.7	25.1	2.3%	0 - 30%	0.8
p,m-Xylene	115	113	2.1%	0 - 30%	1.1
o-Xylene	22.7	22.3	1.8%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	31.4	50.0	81.3	100%	39 - 150
Toluene	92.7	50.0	143	100%	46 - 148
Ethylbenzene	25.7	50.0	75.6	100%	32 - 160
p,m-Xylene	115	100.0	215	100%	46 - 148
o-Xylene	22.7	50.0	72.7	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7178

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNITS	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BDS TPH	BTEX	Remarks
Cell C-13	7-27-99	11:10	F745	SOIL		✓	✓	
Cell D-12	"	11:00	F746	"		✓	✓	
Cell D-13	"	11:00	F747	"		✓	✓	
Cell E-12	"	11:30	F748	"		✓	✓	
Cell E-13	"	11:30	F749	"		✓	✓	
Cell F-14	"	9:53	F750	"		✓	✓	
Cell G-14	"	9:48	F751	"		✓	✓	
Cell G-15	"	9:49	F752	"		✓	✓	
Cell H-14	"	10:10	F753	"		✓	✓	
Cell H-15	"	9:55	F754	"		✓	✓	

	Date	Time		Date	Time
Relinquished by: (Signature)	7-27-99	14:05	Received by: (Signature)	7-27-99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

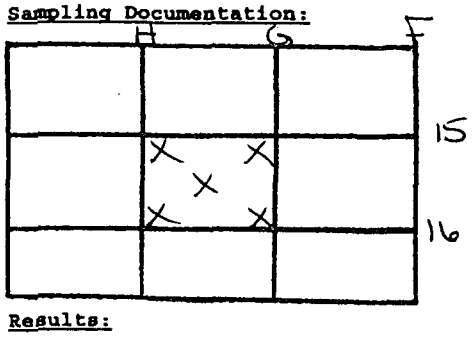
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	10.17.96	G.C.U. D #166	# 14046	36
" "	10.18.96	"	"	288
" "	10.18.96	"	"	36

Sampling Documentation:



Landfarm # 2 units Cell(s): G-15

Sample Date: 7.27.99 Sampler: KW & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell G-15/F752	Pass	0.0189	0.64	6.3

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. Kieling Date 11/16/99

...Karlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 15	Date Reported:	07-28-99
Laboratory Number:	F752	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**18.9**	**0.9**
Toluene	**286**	**0.8**
Ethylbenzene	**32.8**	**0.8**
p,m-Xylene	**262**	**1.1**
o-Xylene	**40.6**	**0.5**
Total BTEX	**640**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell G - 15	Date Reported:	07-28-99
Laboratory Number:	F752	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.9**	**0.2**
Diesel Range (C10 - C28)	**5.4**	**0.1**
Total Petroleum Hydrocarbons	**6.3**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-28-TPH QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**3.0**	**3.0**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**5.5**	**5.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**3.0**	**250**	**253**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**5.5**	**250**	**255**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.4	30.8	1.9%	0 - 30%	0.9
Toluene	92.7	90.5	2.4%	0 - 30%	0.8
Ethylbenzene	25.7	25.1	2.3%	0 - 30%	0.8
p,m-Xylene	115	113	2.1%	0 - 30%	1.1
o-Xylene	22.7	22.3	1.8%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	31.4	50.0	81.3	100%	39 - 150
Toluene	92.7	50.0	143	100%	46 - 148
Ethylbenzene	25.7	50.0	75.6	100%	32 - 160
p,m-Xylene	115	100.0	215	100%	46 - 148
o-Xylene	22.7	50.0	72.7	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References:
Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7178

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell C-13	7-27-99	11:10	F745	SOIL		✓	✓					
Cell D-12		11:00	F746			✓	✓					
Cell D-13		11:00	F747			✓	✓					
Cell E-12		11:30	F748			✓	✓					
Cell E-13		11:30	F749			✓	✓					
Cell F-14		9:53	F750			✓	✓					
Cell G-14		9:48	F751			✓	✓					
Cell G-15		9:49	F752			✓	✓					
Cell H-14		10:10	F753			✓	✓					
Cell H-15		9:55	F754			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-27-99	14:05		7-27-99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

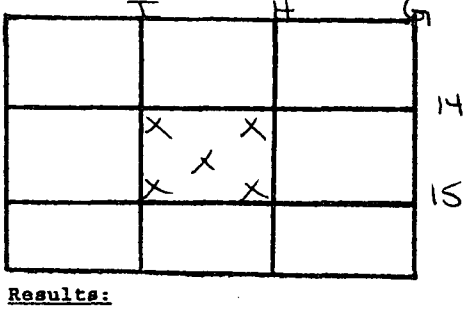
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-63	3.26.97	meter # 89854 Hammond 41A	Sep & Dehy Pit	128
" "	3.26.97	"	"	116
" "	3.27.97	"	"	126

Sampling Documentation:



Landfarm # 2 Unit 5 Cell(s): H-14

Sample Date: 7.27.99 Sampler: KWiBB

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-14/F753	Pass	0.0106	0.203	6.5

Respectfully submitted,
Envirotech Inc.

Christine M Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____ Date _____

NMOCD Santa Fe Martyn J Kieft Date 11/16/99

...Harlan\Form\ocddms

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 14	Date Reported:	07-28-99
Laboratory Number:	F753	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**10.6**	**0.9**
Toluene	**42.7**	**0.8**
Ethylbenzene	**13.7**	**0.8**
p,m-Xylene	**115**	**1.1**
o-Xylene	**21.3**	**0.5**
Total BTEX	**203**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 14	Date Reported:	07-28-99
Laboratory Number:	F753	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.3**	**0.2**
Diesel Range (C10 - C28)	**6.2**	**0.1**
Total Petroleum Hydrocarbons	**6.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-28-TPH QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**3.0**	**3.0**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**5.5**	**5.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**3.0**	**250**	**253**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**5.5**	**250**	**255**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.4	30.8	1.9%	0 - 30%	0.9
Toluene	92.7	90.5	2.4%	0 - 30%	0.8
Ethylbenzene	25.7	25.1	2.3%	0 - 30%	0.8
p,m-Xylene	115	113	2.1%	0 - 30%	1.1
o-Xylene	22.7	22.3	1.8%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	31.4	50.0	81.3	100%	39 - 150
Toluene	92.7	50.0	143	100%	46 - 148
Ethylbenzene	25.7	50.0	75.6	100%	32 - 160
p,m-Xylene	115	100.0	215	100%	46 - 148
o-Xylene	22.7	50.0	72.7	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References:
Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7178

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNITS	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell C-13	7-27-99	11:10	F745	SOIL		✓	✓					
Cell D-12		11:00	F746			✓	✓					
Cell D-13		11:00	F747			✓	✓					
Cell E-12		11:30	F748			✓	✓					
Cell E-13		11:30	F749			✓	✓					
Cell F-14		9:53	F750			✓	✓					
Cell G-14		9:48	F751			✓	✓					
Cell G-15		9:49	F752			✓	✓					
Cell H-14		10:10	F753			✓	✓					
Cell H-15		9:55	F754			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-27-99	14:05		7-27-99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8·11·99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

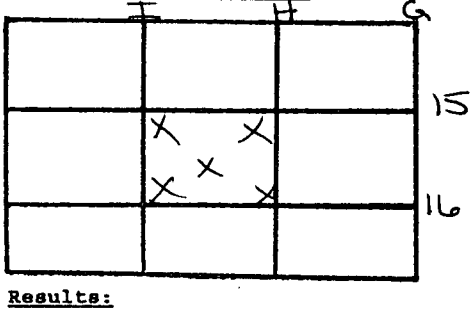
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	10·24·96	Anderson / GSA 1	#95210	192
" "	10·22·96	Chaco Plt LO260	Line Drip	11
" "	11·14·96	Chaco Plant	Contect Plants	120

Sampling Documentation:



Landfarm # 2 with 5 Cell(s): H-15

Sample Date: 7·27·99 Sampler: KW & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell H-15/F753	Pass	0.0155	0.165	5.1

Respectfully submitted,
Envirotech Inc.

Christine M Walters

Christine M. Walters
Laboratory Technician

cc: Mr. Denny Foust, NMOCD Aztec, NM Office.

For State Use Only:

DMS has been granted for the cell or block of cells mentioned herein.

NMOCD Aztec _____ Date _____

NMOCD Santa Fe Martyn J Kieling Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 15	Date Reported:	07-28-99
Laboratory Number:	F754	Date Sampled:	07-27-99
Chain of Custody:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-28-99
Preservative:	Cool	Date Extracted:	07-27-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**15.5**	**0.9**
Toluene	**72.4**	**0.8**
Ethylbenzene	**7.4**	**0.8**
p,m-Xylene	**59.2**	**1.1**
o-Xylene	**10.6**	**0.5**
Total BTEX	**165**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell H - 15	Date Reported:	07-28-99
Laboratory Number:	F754	Date Sampled:	07-27-99
Chain of Custody No:	7178	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-27-99
Preservative:	Cool	Date Analyzed:	07-28-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.2**	**0.2**
Diesel Range (C10 - C28)	**4.4**	**0.1**
Total Petroleum Hydrocarbons	**5.6**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-28-TPH QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**3.0**	**3.0**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**5.5**	**5.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**3.0**	**250**	**253**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**5.5**	**250**	**255**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-28-BTEX QA/QC	Date Reported:	07-28-99
Laboratory Number:	F745	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-28-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.4	30.8	1.9%	0 - 30%	0.9
Toluene	92.7	90.5	2.4%	0 - 30%	0.8
Ethylbenzene	25.7	25.1	2.3%	0 - 30%	0.8
p,m-Xylene	115	113	2.1%	0 - 30%	1.1
o-Xylene	22.7	22.3	1.8%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	31.4	50.0	81.3	100%	39 - 150
Toluene	92.7	50.0	143	100%	46 - 148
Ethylbenzene	25.7	50.0	75.6	100%	32 - 160
p,m-Xylene	115	100.0	215	100%	46 - 148
o-Xylene	22.7	50.0	72.7	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples F745 - F754.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7178

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell C-13	7-27-99	11:10	F745	SOIL		✓	✓					
Cell D-12		11:00	F746			✓	✓					
Cell D-13		11:00	F747			✓	✓					
Cell E-12		11:30	F748			✓	✓					
Cell E-13		11:30	F749			✓	✓					
Cell F-14		9:53	F750			✓	✓					
Cell G-14		9:48	F751			✓	✓					
Cell G-15		9:49	F752			✓	✓					
Cell H-14		10:10	F753			✓	✓					
Cell H-15		9:55	F754			✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-27-99	14:05		7-27-99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

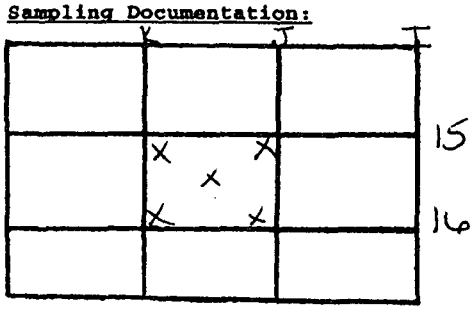
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 9600314	2.11.97	Coyote Gulch	Coma Station	30
" 9600311	2.12.97	White Rock	" "	276

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): J-15

Sample Date: 7.27.99 Sampler: KW & BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell J-15 / F758	Pass	0.118	0.807	3.8

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 Martyne J Kieling Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 15	Date Reported:	07-29-99
Laboratory Number:	F758	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**118**	**0.9**
Toluene	**145**	**0.8**
Ethylbenzene	**68.7**	**0.8**
p,m-Xylene	**397**	**1.1**
o-Xylene	**78.2**	**0.5**
Total BTEX	**807**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell J - 15	Date Reported:	07-29-99
Laboratory Number:	F758	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**3.8**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**3.8**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.27.99	14:05	Received by: (Signature)	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

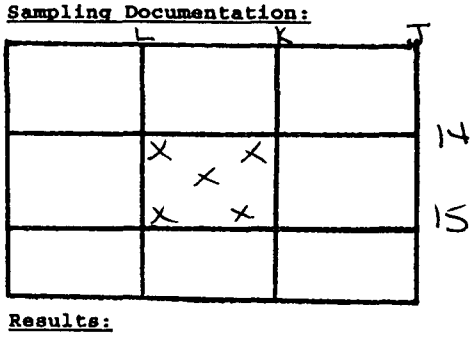
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
BPFS 96003	11.21.95	Krause #12 Fed	meter 93262	30
" "	11.28.95	Rito Con #2	meter 94734	72

Sampling Documentation:



Landfarm # 2 Unit 5 Cell(s): K-14

Sample Date: 7.27.99 Sampler: KL/BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell K-14 F759	Pass	0.002	0.0703	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 Martyne J Kieling Date 11/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 14	Date Reported:	07-29-99
Laboratory Number:	F759	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**2.0**	**0.9**
Toluene	**18.3**	**0.8**
Ethylbenzene	**4.3**	**0.8**
p,m-Xylene	**37.6**	**1.1**
o-Xylene	**8.1**	**0.5**
Total BTEX	**70.3**	

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.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 14	Date Reported:	07-29-99
Laboratory Number:	F759	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	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: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.27.99	14:05	Received by: (Signature)	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Date : 8.11.99

Mr. Roger C. Anderson
State of New Mexico Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

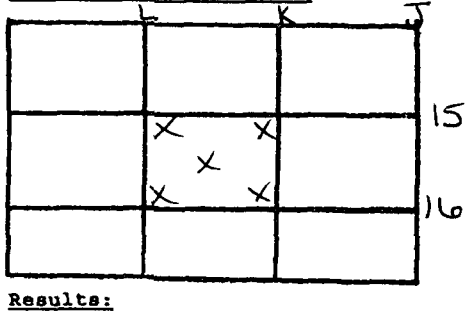
Dear Mr. Anderson:

Envirotech Inc. respectfully requests "Discontinued Maintenance Status" (DMS) for the soils contained in the following cell(s) within the Envirotech Soil Remediation Facility (ERSF) Hilltop, New Mexico.

Generator Information:

Generator	Date	Source Location	Description	Vol yd³
EPFS 96003-03	11.28.95	Rita Com #2	metro 94734	90
" "	8.19.97 8.25.97	Trunk K Drain-1	Line drip	310
" " -19	8.5.97 8.21.97	Kutz	Separator	100

Sampling Documentation:



Landfarm # 2 unit 5 Cell(s): K-15

Sample Date: 7.27.99 Sampler: KW + BB

Type: 5 Point Composite Analysis: BTEX, TPH

Results:

Sample ID	Pass/Fail	Benzene, mg/Kg (ppm)	Total BTEX, mg/Kg (ppm)	TPH, mg/Kg (ppm)
Cell K-15/F760	Pass	0.0304	1.07	4.7

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 Martyne J Kuly Date 10/16/99

...Harlan\Form\ocddms

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 15	Date Reported:	07-29-99
Laboratory Number:	F760	Date Sampled:	07-27-99
Chain of Custody:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Analyzed:	07-29-99
Preservative:	Cool	Date Extracted:	07-28-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**30.4**	**0.9**
Toluene	**50.2**	**0.8**
Ethylbenzene	**216**	**0.8**
p,m-Xylene	**669**	**1.1**
o-Xylene	**108**	**0.5**
Total BTEX	**1,070**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**100 %**
	Bromofluorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	102005
Sample ID:	Cell K - 15	Date Reported:	07-29-99
Laboratory Number:	F760	Date Sampled:	07-27-99
Chain of Custody No:	7177	Date Received:	07-27-99
Sample Matrix:	Soil	Date Extracted:	07-28-99
Preservative:	Cool	Date Analyzed:	07-29-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1.2**	**0.2**
Diesel Range (C10 - C28)	**3.5**	**0.1**
Total Petroleum Hydrocarbons	**4.7**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm 2, Unit 5.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-29-BTEX QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.0592E-001	1.0618E-001	0.2%	ND	0.2
Toluene	4.0353E-002	4.0426E-002	0.2%	ND	0.2
Ethylbenzene	4.5310E-002	4.5405E-002	0.2%	ND	0.2
p,m-Xylene	4.5576E-002	4.5690E-002	0.3%	ND	0.2
o-Xylene	3.6028E-002	3.6090E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.9	36.2	1.9%	0 - 30%	0.9
Toluene	25.2	24.5	2.8%	0 - 30%	0.8
Ethylbenzene	266	259	2.5%	0 - 30%	0.8
p,m-Xylene	877	856	2.4%	0 - 30%	1.1
o-Xylene	284	278	1.9%	0 - 30%	0.5

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.9	50.0	86.8	100%	39 - 150
Toluene	25.2	50.0	75	100%	46 - 148
Ethylbenzene	266	50.0	315	100%	32 - 160
p,m-Xylene	877	100.0	976	100%	46 - 148
o-Xylene	284	50.0	333	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 F755 - F764.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-29-TPH QA/QC	Date Reported:	07-29-99
Laboratory Number:	F755	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-29-99
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-17-99	9.6710E-002	9.6632E-002	**0.08%**	**0 - 15%**
Diesel Range C10 - C28	06-17-99	3.5903E-002	3.5845E-002	**0.16%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1.5**	**1.5**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**7.5**	**7.5**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1.5**	**250**	**251**	**100%**	**75 - 125%**
Diesel Range C10 - C28	**7.5**	**250**	**257**	**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 F765 - F769.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7177

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ENVIROTECH	LANDFARM 2, UNIT 5	
Sampler: KW & BB	Client No. 9102005	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015 TPH	BTEX					Remarks
Cell I-14	7.27.99	10:15	F755	SOIL	1	✓	✓					
Cell I-15		10:10	F756		1	✓	✓					
Cell J-14		10:20	F757		1	✓	✓					
Cell J-15		10:27	F758		1	✓	✓					
Cell K-14		10:25	F759		1	✓	✓					
Cell K-15		10:22	F760		1	✓	✓					
Cell L-14		10:30	F761		1	✓	✓					
Cell L-15		10:25	F762		1	✓	✓					
Cell M-14		10:40	F763		1	✓	✓					
Cell M-15		10:31	F764		1	✓	✓					

	Date	Time		Date	Time
Relinquished by: (Signature)	7.27.99	14:05	Received by: (Signature)	7.27.99	14:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		