NM1 - 11

MAJOR MODIFICATION Proposed Expansion Application and Withdraw Letter

2008 - 2009

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

August 11, 2008 Hand delivered

Wayne Price Phone: (505) 476-3490
Environmental Bureau Chief
NMOCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Correction to Application: Landfarm Expansion
Envirotech, Commercial LF #2
Permit NM-1-011
Farmington, NM

Dear Mr. Price:

The application to expand our existing Landfarm facility which was submitted on July 31, 2008 contained an error. The Management Plan we attached in accordance with Item #12 stated that the expanded Landfarm shall consist of 498 acres.

The right-of-way for Angel Peak Road runs through the existing Landfarm currently in operation. When you deduct the right-of-way from the total acreage, the usable, expanded acreage will be 486 acres, calculated as follows:

LF in current operation	308
Less: Angel Peak Road Right-of-Way	(11)
	297
Plus: Proposed Expansion	189
Expanded LF Acreage	486

Please let me know if you have any questions or need further information regarding this correction to our application for expansion.

Sincerely,
ENVIROTECH, INC.

Morris D. Young

Morris D. Young,
President

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

ENVIROTECH, INC.
LANDFARM EXPANSION
HILLTOP, NEW MEXICO

SUBMITTED TO:

STATE OF NEW MEXICO OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
SANTA FE, NEW MEXICO 87505
(505) 476-3490

SUBMITTED BY:

ENVIROTECH, INC.
5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
(505) 632-0615

AUGUST 11, 2008

ENVIROTECH, INC.
LAND FARM EXPANSION
SAN JUAN COUNTY, NEW MEXICO

TABLE OF CONTENTS

Figures: Figure 1, Site Map
Figure 2, Typical Monitor Well Construction

INTRODUCTION

Envirotech, Inc., is pleased to present this workplan to show separation of groundwater with surface by drilling two (2) soil borings as located at the Envirotech Landfarm facility located at Hilltop, in San Juan County, New Mexico.

SCOPE OF WORK

Envirotech proposes the following scope of work:

Drilling / Ground water Investigation

Two (2) soil borings will be drilled in order to show separation of groundwater with surface; see ***Figure 1, Site Map***, shows the proposed locations of the two (2) borings. The borings will be Hollow Stem Auger drilled, using the CME 75 drill rig, to approximately 100 feet bgs. Continuous sampling will be collected at 5-foot intervals, an Environmental Geologist/Scientist will be on site during the entire drilling process to classify the soils and document the entire procedure. If bedrock or auger refusal is encountered, in order to complete the boring to 100 feet, Hollow Stem Auger drilling will be converted to Air Rotary drilling. Sampling with Air Rotary will be taken from the cuttings at the well surface. Air Rotary is an extremely accurate method to determine any water lenses that may be encountered.

If water is encountered prior to 100 feet bgs, the soil boring will be converted to a monitor well. Constructed as per attached; see ***Figure 2, Typical Monitor Well Construction.*** All monitor well completions will be enclosed with the Above Grade Locking Protectors.

We anticipate to complete this project in two (2) days, and are available to perform this project August 14-15, 2008. Please notify us as to your availability with these dates, to schedule this work.

We appreciate the opportunity to be of service. If you have any questions or require further information, please do not hesitate to contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

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

Reviewed By:

Kyle P. Kerr
Chief Environmental Scientist/Manager
kpkerr@envirotech-inc.com

MDY:at/office/client/drill/workplan-drilling-LF.doc

FIGURES

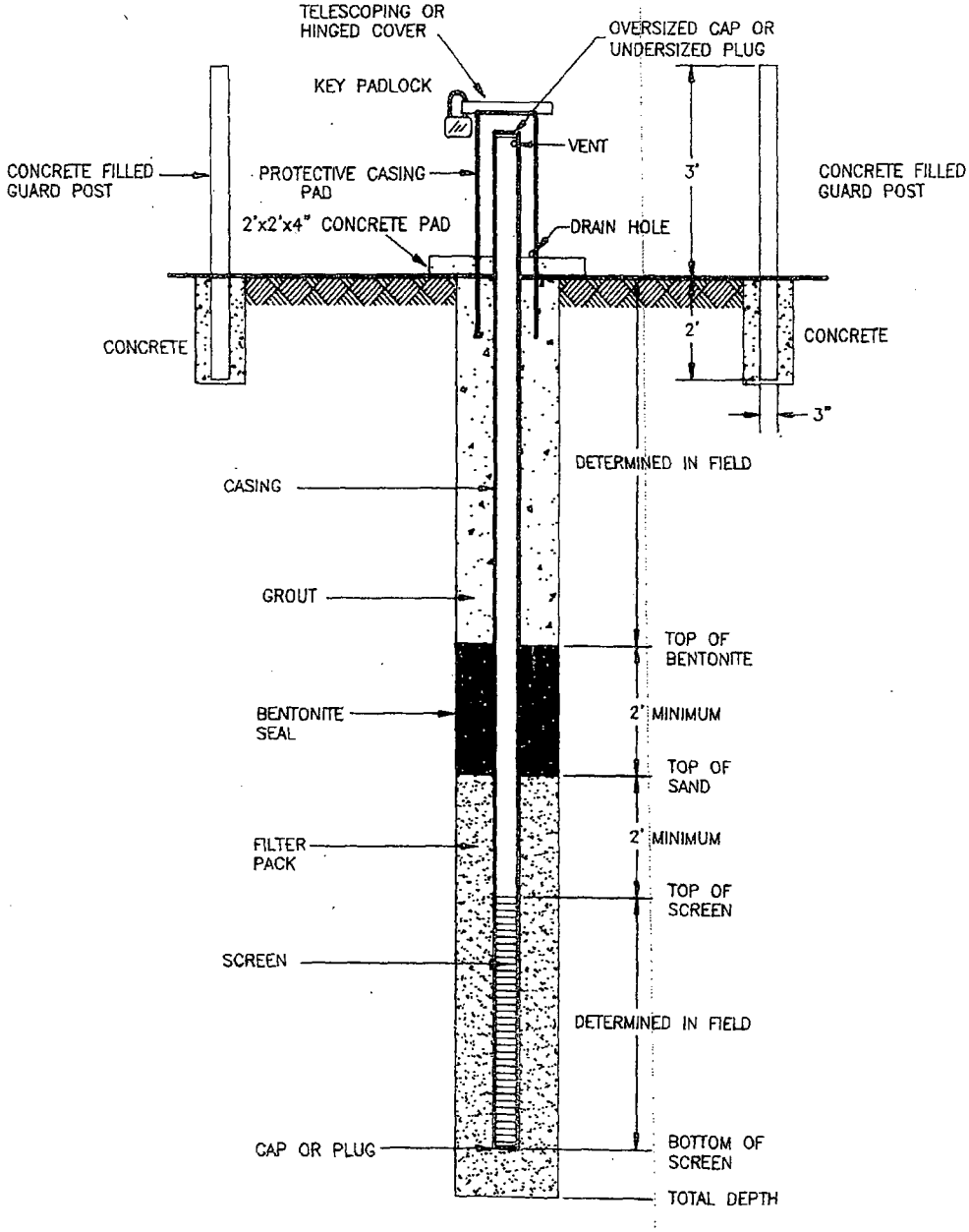
Figure 1, Site Map

FIGURES

Figure 2, Typical Monitor Well Construction

Figures

FIGURE 2. Typical Overburden Well Construction



Envirotech Inc.

PROPOSED LANDFARM EXPANSION
LOCATED IN SECTIONS 6, 7 & 8 IN T26N R10W
N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

TRACT ONE - WEST OF GREAT NORTH ROAD FROM EXISTING LAND FARM

57.75 ACRES MORE OR LESS LOCATED IN THE NORTHEAST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER (NE1/4 NW1/4) AND THE NORTHWEST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (NW1/4 NE1/4) AND THE SOUTHWEST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (SW1/4 NE1/4) AND THE SOUTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (SE1/4 NE1/4) AND THE NORTHWEST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER (NW1/4 SE1/4) AND THE SOUTHWEST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER (SW1/4 SE1/4) OF SECTION SIX (6) IN TOWNSHIP TWENTY-SIX (26) OF RANGE TEN (10) WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO, BEING DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SECTION 6 THAT IS 996.40 FEET N 89°50'54" E FROM THE SOUTH ONE-QUARTER CORNER OF SAID SECTION 6;
THENCE: N 0°25'45" W 2583.32 FEET ALONG AN EXISTING FENCE TO A FENCE CORNER;
THENCE: N 62°50'08" E 67.35 FEET TO A FENCE CORNER;
THENCE: N 2°44'10" W 1357.10 FEET ALONG AN EXISTING FENCE TO A POINT ON THE SOUTH LINE OF SAID NW1/4 NE1/4;
THENCE: S 89°53'39" W 966.97 FEET ALONG THE SOUTH LINE OF AND TO THE SOUTHWEST CORNER OF SAID NW1/4 NE1/4;
THENCE: S 89°53'39" W 181.51 FEET ALONG THE SOUTH LINE OF SAID NE1/4 NW1/4;
THENCE: N 54°12'23" E 223.98 FEET TO A POINT ON THE WEST LINE OF SAID NW1/4 NE1/4;
THENCE: N 0°04'31" E 1192.25 TO THE NORTH 1/4 CORNER OF SAID SECTION 6;
THENCE: N 89°55'08" E 595.03 FEET ALONG THE NORTH LINE OF SAID SECTION 6;
THENCE: S 58°27'52" E 67.57 FEET;
THENCE: S 17°18'09" W 89.52 FEET;
THENCE: S 13°02'45" W 113.42 FEET;
THENCE: S 45°47'21" E 89.41 FEET;
THENCE: S 76°44'18" E 122.43 FEET;
THENCE: N 75°13'40" E 149.19 FEET;
THENCE: S 4°31'55" W 119.42 FEET;
THENCE: S 54°09'53" W 147.70 FEET;
THENCE: S 36°06'16" E 56.83 FEET ALONG AN EXISTING FENCE;
THENCE: S 63°34'15" E 553.06 FEET ALONG AN EXISTING FENCE TO A POINT ON THE EAST LINE OF SAID NW1/4 NE1/4;
THENCE: S 0°12'08" W 540.03 ALONG THE EAST LINE OF AND TO THE SOUTHEAST CORNER OF SAID NW1/4 NE1/4;
THENCE: N 89°53'39" E 62.94 FEET ALONG THE NORTH LINE OF SAID SE1/4 NE1/4;
THENCE: S 6°30'16" W 99.34 FEET;
THENCE: S 3°16'01" W 3877.50 FEET TO A POINT ON THE SOUTH LINE OF SAID SECTION 6;
THENCE: S 89°50'54" W 166.85 FEET ALONG THE SOUTH LINE OF SAID SECTION 6 TO THE POINT OF BEGINNING.

TRACT TWO - EAST OF GREAT NORTH ROAD

149.86 ACRES MORE OR LESS BEING THAT PART OF THE SOUTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (SE1/4 NE1/4) AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (NE1/4 NE1/4) OF SECTION SEVEN (7) IN TOWNSHIP TWENTY-SIX (26) NORTH OF RANGE TEN (10) WEST, N.M.P.M. AND THAT PART OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER (SE1/4 SE1/4) AND THE NORTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER (NE1/4 SE1/4) AND THE SOUTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (SE1/4 NE1/4) OF SECTION SIX (6) IN TOWNSHIP TWENTY-SIX (26) NORTH OF RANGE TEN (10) WEST, N.M.P.M. AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER (SW1/4 NW1/4) OF SECTION 8 IN TOWNSHIP TWENTY-SIX (26) NORTH OF RANGE TEN (10) WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHEAST CORNER OF SAID SECTION 6;
THENCE: S 0°07'16" E 1325.93 FEET ALONG THE EAST LINE OF SAID SECTION 7;
THENCE: N 89°52'49" E 1324.28 FEET ALONG THE NORTH LINE OF THE SW1/4 NW1/4 OF SAID SECTION 8;
THENCE: S 0°04'46" W 436.10 FEET ALONG THE EAST LINE OF THE SW1/4 NW1/4 OF SAID SECTION 8 TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF COUNTY ROAD 7225;
THENCE: S 80°08'22" W 1347.21 FEET ALONG SAID NORTH RIGHT-OF-WAY LINE;
THENCE: S 80°16'26" W 197.74 FEET ALONG SAID RIGHT-OF-WAY;
THENCE: 541.95 FEET ALONG SAID RIGHT-OF-WAY LINE AROUND A CURVE TO THE RIGHT HAVING A RADIUS OF 1132.18 FEET WITH A CENTRAL ANGLE OF 27°25'34" AND A CHORD BEARING AND DISTANCE OF N 86°00'46" W 536.79 FEET;
THENCE: N 72°17'59" W 162.47 FEET ALONG SAID RIGHT-OF-WAY;
THENCE: 243.57 FEET ALONG SAID RIGHT-OF-WAY LINE AROUND A CURVE TO THE LEFT HAVING A RADIUS OF 1342.23 FEET WITH A CENTRAL ANGLE OF 10°23'50" AND A CHORD BEARING AND DISTANCE OF N 77°29'54" W 243.23 FEET;
THENCE: N 82°41'49" W 57.02 FEET ALONG SAID RIGHT-OF-WAY;
THENCE: N 3°16'01" E 1876.96 FEET TO A POINT ON THE SECTION LINE COMMON TO SAID SECTIONS 6 AND 7;
THENCE: N 3°16'01" E 3842.30 FEET;
THENCE: N 6°30'16" E 134.39 FEET TO A POINT ON THE NORTH LINE OF THE SE1/4 NE1/4 OF SAID SECTION 6;
THENCE: N 89°53'39" E 31.89 FEET ALONG SAID NORTH LINE TO A POINT IN AN EXISTING FENCE;
THENCE: S 36°24'07" E 343.56 FEET ALONG AN EXISTING FENCE;
THENCE: S 64°10'09" E 691.69 FEET ALONG AN EXISTING FENCE TO A POINT ON THE EAST LINE OF THE SE1/4 NE1/4 OF SAID SECTION 6;
THENCE: S 0°19'46" W 742.36 FEET ALONG THE EAST LINE OF AND TO THE EAST 1/4 CORNER OF SAID SECTION 6;
THENCE: S 0°19'46" W 2646.59 FEET ALONG THE EAST LINE OF SAID SECTION 6 TO THE POINT OF BEGINNING.

LEGEND

- ◉ = SET 1/2" X 24" REBAR AND CAP LS 9672
- △ = FOUND BLM BRASS CAP (SEE SURVEY CONTROL)
- ⊡ = OTHER (SEE DESCRIPTION)
- (M) = MEASURED COURSE
- (R-X) = RECORD INFORMATION REFER TO RESOURCE LIST
- • = EXISTING FENCE CORNER
- —x— = FENCE LINES
- —•— = PIPELINES
- —o— = PERIMETER FENCE
- —•—•— = GATE
- ◉ = PROPOSED MONITOR WELL

BASIS OF BEARINGS

REAL-TIME KINEMATIC SURVEY SOLUTION BASED ON SATELLITES OBSERVED ON FEBRUARY 18, 2008, USING WORLD GEODETIC SYSTEM, 1984.

RESOURCE LIST

1. WARRANTY DEED BOOK 1151 PAGE 583
2. GLO TOWNSHIP PLAT T26N R10W
3. SAN JUAN COUNTY ASSESSOR'S PLATS
3. NEW MEXICO STATE HIGHWAY DEPT. R.O.W. MAP SP-QRF-033-2(221) SHEET 10 OF 12
4. BOUNDARY SURVEY PLAT BOOK 1471 PAGE 247

PLAT NOTES

1. NO EASEMENTS FOUND FOR OVERHEAD POWERLINES, PIPELINES OR COUNTY ROAD 7225 OR COUNTY ROAD 7175
2. CENTERLINE OF GREAT NORTH ROAD WAS ESTABLISHED BY OTHERS.
3. CENTERLINE OF CR 7225 AND CR 7175 IS SHOWN AS IT NOW EXISTS.
4. ALL COURSES MEASURED UNLESS NOTED, FOR RECORD INFORMATION ON SECTIONS 6, 7 & 8 REFER TO (R-2) GLO TOWNSHIP PLAT FOR TOWNSHIP 26 NORTH, RANGE 10 WEST.

CERTIFICATION

I, CECIL B. TULLIS, NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS BOUNDARY SURVEY PLAT WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THIS BOUNDARY SURVEY PLAT AND THE FIELD SURVEY UPON WHICH IT IS BASED MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT. THIS IS A BOUNDARY SURVEY PLAT OF AN EXISTING TRACT OR TRACTS.

CECIL B. TULLIS P.S. 9672 — DATE

CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
ONE	1132.18'	541.95'	536.79'	N86°00'46"W	27°25'34"
TWO	1342.23'	243.57'	243.23'	N77°29'54"W	10°23'50"

LINE TABLE

LINE	DIRECTION	DISTANCE
A	S56°27'52"E	67.57'
B	S17°18'09"W	89.52'
C	S13°02'45"W	113.42'
D	S45°47'21"E	89.41'
E	S76°44'18"E	122.43'
F	N75°13'40"E	149.19'
G	S04°31'55"W	119.42'
H	S54°09'53"W	147.70'
I	S36°06'16"E	56.83'

0 300 600 1200 1500
SCALE: 1" = 600'

DATE OF FIELD SURVEY: 2/22/08
JOB NO. 268908 A
DRAWING: C:\ACAD\DRAWINGS\EVTECH2.DWG

INDEXING INFORMATION FOR COUNTY CLERK

OWNER: MORRIS D. YOUNG
SECTIONS: 6, 7 & 8
TOWNSHIP: 26 NORTH
RANGE: 10 WEST
COUNTY: SAN JUAN
STATE: NEW MEXICO

envirotech

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2009 JUL 27 PM 1 20

July 24, 2009

Project 03037-0005

Mr. Ed Hansen
New Mexico Oil Conservation District
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
(505) 476-3489

RE: APPLICATION FOR SURFACE WASTE MANAGEMENT FACILITY FOR LAND FARM #4, OWNED AND OPERATED BY ENVIROTECH INC.

Dear Mr. Hansen:

Envirotech Inc, respectfully asks to withdraw our previous application for approval of a new Surface Waste Management Facility for Land Farm #4 dated July 31, 2008. Mr. Brad Jones requested we formally withdraw our application of this date and begin anew.

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

Respectfully submitted,
Envirotech, Inc.

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

AEP/Environmental/other/LandFarm/Recissionletter-7-24-09B

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

July 31, 2008

RECEIVED

2008 JUL 31 AM 10 52

Hand delivered

Wayne Price
Environmental Bureau Chief
NMOCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Phone: (505) 476-3490

Re: Landfarm Expansion
Envirotech, Commercial LF #2
Permit NM-1-011
Farmington, NM

Dear Mr. Price:

Please find enclosed an application to expand our existing Landfarm facility an additional 189 acres. Increased demand has utilized all of our available landfarm area, therefore, we respectfully request your immediate attention.

You will note on the enclosed map that the "Great Northern Road" crosses the proposed Landfarm expansion area. This is an Ancestral Puebloan road that connects the Chaco and Salmon Ruins. This road was surveyed and marked by the San Juan County Museum Association and BLM archeologists Jim Copeland and Peggy Gardy. We have set aside a 400 foot buffer area to protect the road from any disturbance by this expanded landfarm operation. This buffer area consists of 200' on each side of the road that will be bermed and marked to prevent any disturbance.

Please also note that the expansion is totally surrounded by property that belongs either to Morris Young or by the BLM. The only other neighbor we have is one I created when I sold a piece of property on the west side of Highway 550 to the Larry Groen Trust.

Sincerely,
ENVIROTECH, INC.

Morris D. Young

Morris D. Young,
President

Enclosures: APPLICATION FOR SURFACE WASTE MANAGEMENT FACILITY
Form C-137TB

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 18

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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2008 JUL 31 AM 10 52

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For State Use Only:

Form C-137
Revised March 1, 2007

Submit 1 Copy to Santa Fe Office

APPLICATION FOR SURFACE WASTE MANAGEMENT FACILITY

A meeting should be scheduled with the Division's Santa Fe office Environmental Bureau prior to pursuing an application for a surface waste management facility in order to determine if the proposed location is capable of satisfying the siting requirements of Subsections A and B of 19.15.36.13 NMAC for consideration of an application submittal.

1 Application: ☐ New x Modification ☐ Renewal

2. Type: ☐ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfill x Landfarm ☐ Other

3. Facility Status: x Commercial ☐ Centralized

4. Operator: Envirotech, Inc.

Address: 5796 US Hwy 64

Contact Person: Morris D. Young Phone: (505) 632-0615

5. Location: Section 6, 7 and 8, Township 26N, Range 10W (see full legal description on attached map); Hwy 550, south of Bloomfield, San Juan County, NM

6. Is this an existing facility? x Yes If yes, provide permit number NM-01-0011

7. Attach the names and addresses of the applicant and principal officers and owners of 25 percent or more of the applicant. Specify the office held by each officer and identify the individual(s) primary responsible for overseeing management of the facility.

Morris D. Young, President
#24 CR 5150
Bloomfield, NM 87413

8. Attach a plat and topographic map showing the surface waste management facility's location in relation to governmental surveys (quarter-quarter section, township and range); highways or roads giving access to the surface waste management facility site; watercourses; fresh water sources, including wells and springs; and inhabited buildings within one mile of the site's perimeter.

Please see attached topographical map. There are no water courses, wells or springs or inhabitable buildings within 1 mile of the site's perimeter.

9. Attach the names and addresses of the surface owners of the real property on which the surface waste management facility is sited and surface owners of the real property within one mile of the site's perimeter.

Owner:
Morris D. Young
#24 CR 5150
Bloomfield, NM 87413

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Surface owners with one mile:

Bureau of Land Management
1235 LaPlata Hwy
Farmington, NM 87401

Larry Groen Trust
c/o Larry Groen
29 CR 5267
Bloomfield, NM 87413

10. Attach a description of the surface waste management facility with a diagram indicating the location of fences and cattle guards, and detailed construction/installation diagrams of pits, liners, dikes, piping, sprayers, tanks, roads, fences, gates, berms, pipelines crossing the surface waste management facility, buildings and chemical storage areas.

Please see attached Item #10, proposed Landfarm Expansion. This map shows the landfarm expansion area. The landfarm will be fenced with four-wire barbed wire fence with locked gates. A four (4) foot berm around the entire facility will prevent ingress or egress of storm water. One (1) EPNG pipeline crosses the expansion area property. There are no pits, liners, dikes, piping, sprayers, tanks, buildings, or chemical storage areas associated with the expansion area.

11. Attach engineering designs, certified by a registered professional engineer, including technical data on the design elements of each applicable treatment, remediation and disposal method and detailed designs of surface impoundments.

Not applicable (this is a landfarm, and does not include surface impoundments)

12. Attach a plan for management of approved oil field wastes that complies with the applicable requirements contained in 19.15.36.13, 19.15.36.14, 19.15.36.15 and 19.15.36.17 NMAC.

See attached Item #12.

13. Attach an inspection and maintenance plan that complies with the requirements contained in Subsection L of 19.15.36.13 NMAC.

See attached Item #13.

14. Attach a hydrogen sulfide prevention and contingency plan that complies with those provisions of 19.15.3.118 NMAC that apply to surface waste management facilities.

See attached Item #14.

15. Attach a closure and post closure plan, including a responsible third party contractor's cost estimate, sufficient to close the surface waste management facility in a manner that will protect fresh water, public health, safety and the environment (the closure and post closure plan shall comply with the requirements contained in Subsection D of 19.15.36.18 NMAC).

See attached Item #15.

16 Attach a contingency plan that complies with the requirements of Subsection N of 19.15.36.13 NMAC and with NMSA 1978, Sections 12-12-1 through 12-12-30, as amended (the Emergency Management Act).

See attached Item #16.

17. Attach a plan to control run-on water onto the site and run-off water from the site that complies with the requirements of Subsection M of 19.15.36.13 NMAC.

See attached Item #17.

18. In the case of an application to permit a new or expanded landfill, attach a leachate management plan that describes the anticipated amount of leachate that will be generated and the leachate's handling, storage, treatment and disposal, including final post closure options.

Not applicable (this is a landfarm, not a landfill)

19. In the case of an application to permit a new or expanded landfill, attach a gas safety management plan that complies with the requirements of Subsection O of 19.15.36.13 NMAC

Not applicable (this is a landfarm, not a landfill)

20. Attach a best management practice plan to ensure protection of fresh water, public health, safety and the environment.

See attached Item #20.

21. Attach a demonstration of compliance with the siting requirements of Subsections A and B of 19.15.36.13 NMAC.

See attached Item #21.

22. Attach geological/hydrological data including:

(a) a map showing names and location of streams, springs or other watercourses, and water wells within one mile of the site;

(b) Laboratory analyses, performed by an independent commercial laboratory, for major cations and anions; benzene, toluene, ethyl benzene and xylenes (BTEX); RCRA metals; and total dissolved solids (TDS) of ground water samples of the shallowest fresh water aquifer beneath the proposed site;

(c) depth to, formation name, type and thickness of the shallowest fresh water aquifer;

(d) soil types beneath the proposed surface waste management facility, including a lithologic description of soil and rock members from ground surface down to the top of the shallowest fresh water aquifer;

(e) geologic cross-sections;

(f) potentiometric maps for the shallowest fresh water aquifer; and

(g) porosity, permeability, conductivity, compaction ratios and swelling characteristics for the sediments on which the contaminated soils will be placed.

See attached Item #22.

23. In the case of an existing surface waste management facility applying for a minor modification, describe the proposed change and identify information that has changed from the last C-137 filing.

Not applicable (this is a major modification, not a minor modification)

24. The division may require additional information to demonstrate that the surface waste management facility's operation will not adversely impact fresh water, public health, safety or the environment and that the surface waste management facility will comply with division rules and orders

25. CERTIFICATION

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

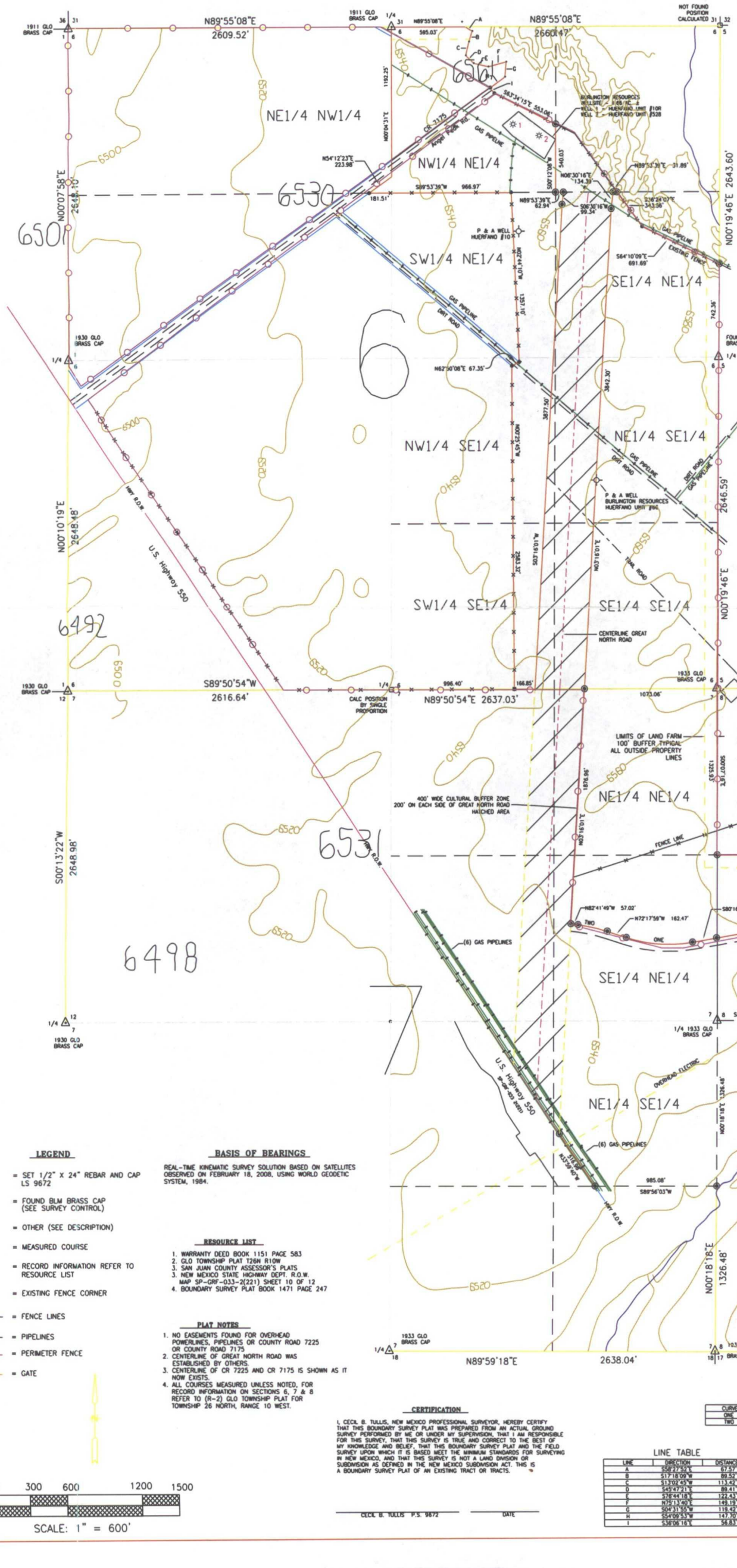
Name: Morris D. Young Title: President

Signature: Morris D Young Date: July 31, 2008

E-mail Address: myoung@envirotech-inc.com

Envirotech Inc.

PROPOSED LANDFARM EXPANSION
LOCATED IN SECTIONS 6, 7 & 8 IN T26N R10W
N.M.P.M., SAN JUAN COUNTY, NEW MEXICO



TRACT ONE – WEST OF GREAT NORTH ROAD FROM EXISTING LAND FARM

57.75 ACRES MORE OR LESS LOCATED IN THE NORTHEAST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER (NE1/4 NW1/4) AND THE NORTHWEST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (NW1/4 NE1/4) AND THE SOUTHWEST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (SW1/4 NE1/4) AND THE SOUTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (SE1/4 NE1/4) AND THE NORTHWEST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER (NW1/4 SE1/4) AND THE SOUTHWEST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER (SW1/4 SE1/4) OF SECTION SIX (6) IN TOWNSHIP TWENTY-SIX (26) OF RANGE TEN (10) WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO, BEING DESCRIBED AS FOLLOWS:
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THENCE: N 0°25'45" W 2583.32 FEET ALONG AN EXISTING FENCE TO A FENCE CORNER;
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THENCE: N 54°12'23" E 223.98 FEET TO A POINT ON THE WEST LINE OF SAID NW1/4 NE1/4;
THENCE: N 0°04'31" E 1192.25 TO THE NORTH 1/4 CORNER OF SAID SECTION 6;
THENCE: N 89°55'08" E 595.03 FEET ALONG THE NORTH LINE OF SAID SECTION 6;
THENCE: S 58°27'52" E 67.57 FEET;
THENCE: S 17°18'09" W 89.52 FEET;
THENCE: S 13°02'45" W 113.42 FEET;
THENCE: S 45°47'21" E 89.41 FEET;
THENCE: S 76°44'18" E 122.43 FEET;
THENCE: N 75°13'40" E 149.19 FEET;
THENCE: S 4°31'55" W 119.42 FEET;
THENCE: S 54°09'53" W 147.70 FEET;
THENCE: S 36°06'16" E 56.83 FEET ALONG AN EXISTING FENCE;
THENCE: S 63°34'15" E 553.06 FEET ALONG AN EXISTING FENCE TO A POINT ON THE EAST LINE OF SAID NW1/4 NE1/4;
THENCE: S 0°12'08" W 540.03 ALONG THE EAST LINE OF AND TO THE SOUTHEAST CORNER OF SAID NW1/4 NE1/4;
THENCE: N 89°53'39" E 62.94 FEET ALONG THE NORTH LINE OF SAID SE1/4 NE1/4;
THENCE: S 6°30'16" W 99.34 FEET;
THENCE: S 3°16'01" W 3877.50 FEET TO A POINT ON THE SOUTH LINE OF SAID SECTION 6;
THENCE: S 89°50'54" W 166.85 FEET ALONG THE SOUTH LINE OF SAID SECTION 6 TO THE POINT OF BEGINNING.

TRACT TWO – EAST OF GREAT NORTH ROAD

149.86 ACRES MORE OR LESS BEING THAT PART OF THE SOUTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (SE1/4 NE1/4) AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (NE1/4 NE1/4) OF SECTION SEVEN (7) IN TOWNSHIP TWENTY-SIX (26) NORTH OF RANGE TEN (10) WEST, N.M.P.M. AND THAT PART OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER (SE1/4 SE1/4) AND THE NORTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER (NE1/4 SE1/4) AND THE SOUTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER (SE1/4 NE1/4) OF SECTION SIX (6) IN TOWNSHIP TWENTY-SIX (26) NORTH OF RANGE TEN (10) WEST, N.M.P.M. AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER (SW1/4 NW1/4) OF SECTION 8 IN TOWNSHIP TWENTY-SIX (26) NORTH OF RANGE TEN (10) WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHEAST CORNER OF SAID SECTION 6;
THENCE: S 0°07'16" E 1325.93 FEET ALONG THE EAST LINE OF SAID SECTION 7;
THENCE: N 89°52'49" E 1324.28 FEET ALONG THE NORTH LINE OF THE SW1/4 NW1/4 OF SAID SECTION 8;
THENCE: S 0°04'46" W 436.10 FEET ALONG THE EAST LINE OF THE SW1/4 NW1/4 OF SAID SECTION 8 TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF COUNTY ROAD 7225;
THENCE: S 80°08'22" W 1347.21 FEET ALONG SAID NORTH RIGHT-OF-WAY LINE;
THENCE: S 80°16'26" W 197.74 FEET ALONG SAID RIGHT-OF-WAY;
THENCE: 541.95 FEET ALONG SAID RIGHT-OF-WAY LINE AROUND A CURVE TO THE RIGHT HAVING A RADIUS OF 1132.18 FEET WITH A CENTRAL ANGLE OF 27°25'34" AND A CHORD BEARING AND DISTANCE OF N 86°00'46" W 536.79 FEET;
THENCE: N 72°17'59" W 162.47 FEET ALONG SAID RIGHT-OF-WAY;
THENCE: 243.57 FEET ALONG SAID RIGHT-OF-WAY LINE AROUND A CURVE TO THE LEFT HAVING A RADIUS OF 1342.23 FEET WITH A CENTRAL ANGLE OF 10°23'50" AND A CHORD BEARING AND DISTANCE OF N 77°29'54" W 243.23 FEET;
THENCE: N 82°41'49" W 57.02 FEET ALONG SAID RIGHT-OF-WAY;
THENCE: N 3°16'01" E 1876.96 FEET TO A POINT ON THE SECTION LINE COMMON TO SAID SECTIONS 6 AND 7;
THENCE: N 3°16'01" E 3842.30 FEET;
THENCE: N 6°30'16" E 134.39 FEET TO A POINT ON THE NORTH LINE OF THE SE1/4 NE1/4 OF SAID SECTION 6;
THENCE: N 89°53'39" E 31.89 FEET ALONG SAID NORTH LINE TO A POINT IN AN EXISTING FENCE;
THENCE: S 36°24'07" E 343.56 FEET ALONG AN EXISTING FENCE;
THENCE: S 64°10'09" E 691.69 FEET ALONG AN EXISTING FENCE TO A POINT ON THE EAST LINE OF THE SE1/4 NE1/4 OF SAID SECTION 6;
THENCE: S 0°19'46" W 742.36 FEET ALONG THE EAST LINE OF AND TO THE EAST 1/4 CORNER OF SAID SECTION 6;
THENCE: S 0°19'46" W 2646.59 FEET ALONG THE EAST LINE OF SAID SECTION 6 TO THE POINT OF BEGINNING.

LEGEND

- ◉ = SET 1/2" X 24" REBAR AND CAP LS 9672
- △ = FOUND BLM BRASS CAP (SEE SURVEY CONTROL)
- ⊡ = OTHER (SEE DESCRIPTION)
- (M) = MEASURED COURSE
- (R-X) = RECORD INFORMATION REFER TO RESOURCE LIST
- • = EXISTING FENCE CORNER
- —x— = FENCE LINES
- —•— = PIPELINES
- —○— = PERIMETER FENCE
- —•—•— = GATE

BASIS OF BEARINGS

REAL-TIME KINEMATIC SURVEY SOLUTION BASED ON SATELLITES OBSERVED ON FEBRUARY 18, 2008, USING WORLD GEODETIC SYSTEM, 1984.

RESOURCE LIST

1. WARRANTY DEED BOOK 1151 PAGE 583
2. GLO TOWNSHIP PLAT T26N R10W
3. SAN JUAN COUNTY ASSESSOR'S PLATS
3. NEW MEXICO STATE HIGHWAY DEPT. R.O.W. MAP SP-GRF-033-2(221) SHEET 10 OF 12
4. BOUNDARY SURVEY PLAT BOOK 1471 PAGE 247

PLAT NOTES

1. NO EASEMENTS FOUND FOR OVERHEAD POWERLINES, PIPELINES OR COUNTY ROAD 7225 OR COUNTY ROAD 7175
2. CENTERLINE OF GREAT NORTH ROAD WAS ESTABLISHED BY OTHERS.
3. CENTERLINE OF CR 7225 AND CR 7175 IS SHOWN AS IT NOW EXISTS.
4. ALL COURSES MEASURED UNLESS NOTED, FOR RECORD INFORMATION ON SECTIONS 6, 7 & 8 REFER TO (R-2) GLO TOWNSHIP PLAT FOR TOWNSHIP 26 NORTH, RANGE 10 WEST.

CERTIFICATION

I, CECIL B. TULLIS, NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS BOUNDARY SURVEY PLAT WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THIS BOUNDARY SURVEY PLAT AND THE FIELD SURVEY UPON WHICH IT IS BASED MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT. THIS IS A BOUNDARY SURVEY PLAT OF AN EXISTING TRACT OR TRACTS.

CECIL B. TULLIS P.S. 9672 — DATE

0 300 600 1200 1500
SCALE: 1" = 600'

CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
ONE	1132.18'	541.95'	536.79'	N86°00'46"W	27°25'34"
TWO	1342.23'	243.57'	243.23'	N77°29'54"W	10°23'50"

LINE TABLE

LINE	DIRECTION	DISTANCE
A	S58°27'52"E	67.57'
B	S17°18'09"W	89.52'
C	S13°02'45"W	113.42'
D	S45°47'21"E	89.41'
E	S76°44'18"E	122.43'
F	N75°13'40"E	149.19'
G	S04°31'55"W	119.42'
H	S54°09'53"W	147.70'
I	S36°06'16"E	56.83'

DATE OF FIELD SURVEY: 2/22/08
JOB NO. 268908 A
DRAWING: C:\ACAD\DRAWINGS\EVTECH2.DWG

INDEXING INFORMATION FOR COUNTY CLERK

OWNER: MORRIS D. YOUNG
SECTIONS: 6, 7 & 8
TOWNSHIP: 26 NORTH
RANGE: 10 WEST
COUNTY: SAN JUAN
STATE: NEW MEXICO

Item # 12: Plan for management of approved oil field wastes

This Landfarm accepts soil or drill cuttings with a chloride concentration that exceeds 500 mg/kg and is located where ground water is more than 100 feet below the lowest elevation at which the operator will place oil field waste.

This Landfarm is not located within 200 feet of a watercourse, lakebed, sinkhole or playa lake; within an existing wellhead protection area or 100-year floodplain; within, or within 500 feet of, a wetland; within the area overlying a subsurface mine; within 500 feet from the nearest permanent residence, school, hospital, institution or church in existence at the time of initial application; or within an unstable area.

This Landfarm expansion shall consist of 189 acres for a total of 498 acres.

All oil field wastes transported by motor vehicle at the Landfarm will require the transporter have a form C-133, authorization to move liquid waste, approved by the division.

This Landfarm shall not accept oil field waste containing free liquids. The operator shall use the paint filter test, as prescribed by the EPA (EPA SW-846, method 9095) to determine conformance of the oil field waste to this criterion.

This Landfarm shall accept only exempt or non-hazardous waste, except as provided in Paragraph (3) of Subsection F of 19.15.36.13 NMAC and shall not accept hazardous waste at the Landfarm. The operator shall not accept wastes containing regulated naturally occurring radioactive material (NORM) at the Landfarm except as provided in Subsection C of 19.15.9.714 NMAC. The operator shall require the following documentation for accepting oil field wastes, and the operator shall maintain and make the documentation available for division inspection:

(1) Exempt oil field wastes. The operator shall require a certification on form C-138, signed by the generator or the generator's authorized agent, that represents and warrants that the oil field wastes are generated from oil and gas exploration and production operations, are exempt waste and are not mixed with non-exempt waste. The operator shall have the option to accept such certifications on a monthly, weekly or per load basis. The operator shall maintain and shall make the certificates available for the division's inspection.

(2) Non-exempt, non-hazardous, oil field wastes. The operator shall require a form C-138, oil field waste document, signed by the generator or its authorized agent. This form shall be accompanied by acceptable documentation to determine that the oil field waste is non-hazardous.

(3) Emergency non-oil field wastes. The operator may accept non-hazardous, non-oil field wastes in an emergency if ordered by the department of public safety. The operator shall complete a form C-138, oil field waste document, describing the waste, and maintain the same, accompanied by the department of public safety order, subject to division inspection.

The operator of the Landfarm shall maintain records reflecting the generator, the location of origin, the location of disposal within the commercial facility, the volume and type of oil field waste, the date of disposal and the hauling company for each load or category of oil field waste accepted at the Landfarm. The operator shall maintain such records for a period of not less than five years after the closure of the Landfarm, subject to division inspection.

Disposal at the Landfarm shall occur only when an attendant is on duty unless loads can be monitored or otherwise isolated for inspection before disposal. The Landfarm shall be secured to prevent unauthorized disposal.

Because there are no tanks, pits or ponds at the existing Landfarm or in the proposed expansion, and is therefore not hazardous to migratory birds, the operator hereby applies for an exception to screening, netting or covering tanks, pits and ponds. The Landfarm shall be fenced with four-wire barbed wire and locking steel gates to prevent unlawful entry.

The Landfarm has a sign, readable from a distance of 50 feet and containing the operator's name; the Landfarm's permit number; the Landfarm's location by unit letter, section, township and range; and emergency telephone numbers.

The operator shall comply with the spill reporting and corrective action provisions of 19.15.1.19 or 19.15.3.116 NMAC.

The operator has an inspection and maintenance plan that includes the following:

(1) monthly inspection of leak detection sumps including sampling if fluids are present with analyses of fluid samples furnished to the division; and maintenance of records of inspection dates, the inspector and the leak detection system's status;

(2) semi-annual inspection and sampling of monitoring wells as required, with analyses of ground water furnished to the division; and maintenance of records of inspection dates, the inspector and ground water monitoring wells' status; and

(3) inspections of the berms quarterly and after a major rainfall or windstorm, and maintenance of berms in such a manner as to prevent erosion.

The operator shall construct 4 foot berms around each Landfarm cell to prevent rainwater run-on and run-off. The operator shall construct soil berms to control run-on water onto the site and run-off water from the site, such that:

(1) the run-on and run-off control system shall prevent flow onto the Landfarm's active portion during the peak discharge from a 25-year storm; and

(2) run-off from the Landfarm's active portion shall not be allowed to discharge a pollutant to the waters of the state or United States that violates state water quality standards.

(3) if any break of the berm system occurs, the operator shall immediately notify NMOCD, repair the break and take appropriate measures to contain any runoff.

The Landfarm has an emergency contingency Plan to minimize hazards to fresh water, public health, safety and the environment from fires, explosions or an unplanned sudden release of contamination. A copy of the contingency plan is attached as attachment #16. The Contingency plan is also available for inspection at the Landfarm office and the operator's main office at 5796 US Hwy 64, Farmington, NM.

This Landfarm shall accept only soils and drill cuttings predominantly contaminated by petroleum hydrocarbons. Additionally, this Landfarm shall accept tank bottoms approved by the NMOCD. Soils and drill cuttings shall be sufficiently free of liquid content and must pass the paint filter test.

Soils and drill cuttings shall not have a chloride concentration exceeding 1000 mg/kg. The Landfarm attendants tendering oil field waste for treatment shall certify on form C-138 that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content, and that the samples have been found to conform to these requirements. The Landfarm's operator shall not accept oil field waste for Landfarm treatment unless accompanied by this certification.

The Landfarm expansion is contiguous to the existing, permitted Landfarm. The operator has established background in the existing portion of the Landfarm and has performed extensive background sampling for TPH by USEPA method 8015M, BTEX by 8021B since 1992 and for chlorides since 2007.

- Current typical 8015M results are 0.0 mg/kg;
- Typical 8021B results are 0.0 mg/kg;
- Typical chloride results are 29 mg/kg.

Attached please find analysis certificates from the most recent background sampling event for the existing Landfarm area. These forty-six (46) sample results are representative of the several thousand available analytical background sample results. (Attachment 12A, Background Testing)

No contaminated soils shall be placed within 100 feet of the Landfarm's boundary.

No contaminated soils shall be placed within 20 feet of a pipeline crossing the Landfarm.

With 72 hours after receipt, the operator shall spread and disk contaminated soils in eight-inch or less lifts or approximately 1000 cubic yards per acre per eight-inch lift. Soils are disked biweekly and biopiles are turned at least monthly.

The operator shall add moisture, as necessary, to enhance bioremediation and to control blowing dust. Microbes are not used for the purposes of enhancing bioremediation.

No liquids are allowed to pool. The operator shall remove freestanding water within 24 hours.
The operator maintains records of the Landfarm's remediation activities in a form readily accessible for inspection by the NMOCD.

The operator shall spread contaminated soils on the surface in eight-inch or less lifts or approximately 1000 cubic yards per acre per eight-inch lift. The operator shall conduct treatment zone monitoring to ensure that prior to adding an additional lift the TPH concentration of each lift, as determined by EPA SW-846 method 8015M or EPA method 418.1 or other EPA method approved by the NMOCD, does not exceed 2500 mg/kg and that the chloride concentration, as determined by EPA method 300.1, does not exceed 1000 mg/kg.

The operator shall collect and analyze at least one composite soil sample, consisting of four discrete samples, from the treatment zone at least semi-annually using the methods specified below for TPH and chlorides. The maximum thickness of treated soils in a Landfarm cell shall not exceed two feet or approximately 3000 cubic yards per acre. When that thickness is reached, the operator shall place no additional oil field waste in the Landfarm cell until it has demonstrated by monitoring the treatment zone semi-annually that the contaminated soil has been treated to the standards specified in Subsection F of 19.15.36.15 NMAC or the contaminated soils have been removed to an approved Landfarm.

The operator shall monitor the vadose zone beneath the treatment zone in each Landfarm cell and shall take the vadose zone samples from soils between three and four feet below the cell's original ground surface. The shall operator collect and analyze a minimum of four randomly selected, independent samples from the vadose zone at least semi-annually using the methods specified below for TPH, BTEX and chlorides and compares each result to the higher of the practical quantitation limit (PQL) or the background soil concentrations to determine whether a release has occurred.

The operator shall collect and analyze a minimum of four randomly selected, independent samples from the vadose zone, using the methods specified below for the constituents listed in Subsections A and B of 20.6.2.3103 NMAC at least every five years and shall compare each result to the higher of the PQL or the background soil concentrations to determine whether a release has occurred.

The operator shall maintain a copy of the monitoring reports in a form readily accessible for NMOCD inspection.

If vadose zone sampling results show that the concentrations of TPH, BTEX or chlorides exceed the higher of the PQL or the background soil concentrations, then the operator shall notify the NMOCD's environmental bureau of the exceedance, and shall immediately collect and analyze a minimum of four randomly selected, independent samples for TPH, BTEX, chlorides and the constituents listed in Subsections A and B of 20.6.2.3103 NMAC. The operator shall submit the results of the re-sampling event and a response action plan for the NMOCD's approval within 45 days of the initial notification. The response action plan shall address changes in the Landfarm's operation to prevent further contamination and, if necessary, a plan for remediating existing contamination.

After the operator has filled a Landfarm cell to the maximum thickness of two feet or approximately 3000 cubic yards per acre, the operator shall continue treatment until the contaminated soil has been remediated to the higher of the background concentrations or the following closure performance standards. The

operator shall collect and analyze a minimum of one composite soil sample, consisting of four discrete samples and the composite will be tested for contamination in the following quantities:

- Benzene, as determined by EPA SW-846 method 8021B or 8260B, shall not exceed 0.2 mg/kg;
- Total BTEX, as determined by EPA SW-846 method 8021B or 8260B, shall not exceed 50 mg/kg;
- The gasoline range organics (GRO) and diesel range organics (DRO) combined fractions, as determined by EPA SW-846 method 8015M, shall not exceed 500 mg/kg. TPH, as determined by EPA method 418.1 or other EPA method approved by the division, shall not exceed 2500 mg/kg;
- Chlorides, as determined by EPA method 300.1, shall not exceed 1000 mg/kg;
- The concentration of constituents listed in Subsections A and B of 20.6.2.3103 NMAC shall be determined by EPA SW-846 methods 6010B or 6020 or other methods approved by the division. If the concentration of those constituents exceed the PQL or background concentration, the operator shall either perform a site specific risk assessment using EPA approved methods and shall propose closure standards based upon individual site conditions that protect fresh water, public health, safety and the environment, which shall be subject to division approval or remove pursuant to Paragraph (2) of Subsection G of 19.15.36.15 NMAC.

Disposition of treated soils.

(1) When the operator achieves the closure performance standards specified in Subsection F of 19.15.36.15 NMAC, then the operator will leave the treated soils in place.

(2) If the operator cannot achieve the closure performance standards specified in Subsection F of 19.15.36.15 NMAC within five years or as extended by the division, then the operator shall remove contaminated soils from the Landfarm cell and properly dispose of it at a division-permitted landfill, or reuse or recycle it in a manner approved by the division.

(3) If the operator cannot achieve the closure performance standards specified in Subsection F of 19.15.36.15 NMAC within five years or as extended by the division, then the division may review the adequacy of the operator's financial assurance, as provided in Subsection G of 19.15.36.11 NMAC. In that event, the division may require the operator to modify its financial assurance to provide for the appropriate disposition of contaminated soil in a manner acceptable to the division.

The operator shall use an environmentally acceptable bioremediation endpoint approach and, in lieu of achieving the compliance standards of Paragraph (3) of Subsection F of 19.15.36.15 NMAC, shall submit the following:

(a) Native soil information: The operator shall submit detailed information on the soil conditions present for each of its Landfarm cells immediately prior to the application of the petroleum hydrocarbon-contaminated soils, including: treatment cell size, soil porosity, soil bulk density, soil pH, moisture content, field capacity, organic matter concentration, soil structure, sodium adsorption ratio (SAR), electrical conductivity (EC), soil composition, soil temperature, soil nutrient (C:N:P) concentrations and oxygen content.

(b) Characterization of contaminated soil: The operator shall submit a description of the procedures that it will follow to characterize each lift of contaminated soil or drill cuttings, prior to treating each lift of contaminated soil or drill cuttings, for petroleum hydrocarbon loading factor, TPH, BTEX, chlorides, constituents listed in Subsections A and B of 20.6.2.3103 NMAC, contaminated soil moisture, contaminated soil pH and API gravity of the petroleum hydrocarbons.

(c) Operating procedures: The operator shall submit a description of the procedures, including a schedule, that it shall follow to properly monitor and amend each lift of contaminated soil in order to maximize bioremediation, including tilling procedures and schedule; procedures to limit petroleum hydrocarbon loading to less than five percent; procedures to maintain pH between six and eight; procedures to monitor and apply proper nutrients; procedures to monitor, apply and maintain moisture to 60 to 80 percent of field capacity; and procedures to monitor TPH concentrations.

(d) Management procedures: The operator shall submit a description of the management procedures that it shall follow to properly schedule Landfarming operations, including modifications during cold weather, record keeping, sampling and analysis, statistical procedures, routine reporting, determination and reporting of achievement of the environmentally acceptable bioremediation endpoint and closure and post-closure plans.

Item #14: Hydrogen Sulfide Prevention and Contingency Plan

The operator shall prevent the accumulation of hydrogen sulfide within the Landfarm by testing a representative sample from each load before it is received from the transporters. The tests used to make the determination shall be conducted in accordance with methods approved by the division.

Any materially increase in the concentration of hydrogen sulfide at the Landfarm shall be considered cause for a determination of the material which is disposed there.

The operator shall calculate the radius of exposure if the hydrogen sulfide concentration in the Landfarm increases to 100 ppm or greater. The operator shall also recalculate the radius of exposure if the actual volume fraction of hydrogen sulfide increases by a factor of twenty-five percent if the Landfarm previously had a hydrogen sulfide concentration of 100 ppm or greater. If calculation or recalculation of the radius of exposure reveals that a potentially hazardous volume is present, the results shall be provided to the division within sixty (60) days.

If the Landfarm has a concentration of hydrogen sulfide of 100 ppm or greater, signs and/or markers shall be installed and maintained. Each sign or marker shall conform with the current ANSI standard Z535.1-2002 ("Safety Color Code"), or some other standard approved by the division, shall be readily readable, and shall contain the words "poison gas" and other information sufficient to warn the public that a potential danger exists. Signs or markers shall be prominently posted at locations, including but not limited to entrance points and road crossings, sufficient to alert the public that a potential danger exists.

Landfarm personnel responsible for the implementation of any hydrogen sulfide contingency plan shall be provided training in hydrogen sulfide testing, hazards, detection, personal protection and contingency procedures.

The operator shall notify the division upon a release of hydrogen sulfide requiring activation of the hydrogen sulfide contingency plan as soon as possible, but no more than four hours after plan activation, recognizing that a prompt response should supercede notification. The operator facility shall submit a full report of the incident to the division on Form C-141 no later than fifteen (15) days following the release.

Item #13: Inspection and Maintenance Plan

The operator has an inspection and maintenance plan that includes the following:

(1) monthly inspection of leak detection sumps including sampling if fluids are present with analyses of fluid samples furnished to the division; and maintenance of records of inspection dates, the inspector and the leak detection system's status;

(2) semi-annual inspection and sampling of monitoring wells as required, with analyses of ground water furnished to the division; and maintenance of records of inspection dates, the inspector and ground water monitoring wells' status; and

(3) inspections of the berms quarterly and after a major rainfall or windstorm, and maintenance of berms in such a manner as to prevent erosion.

Item #14: Hydrogen Sulfide Prevention and Contingency Plan

The operator shall prevent the accumulation of hydrogen sulfide within the Landfarm by testing a representative sample from each load before it is received from the transporters. The tests used to make the determination shall be conducted in accordance with methods approved by the division.

Any materially increase in the concentration of hydrogen sulfide at the Landfarm shall be considered cause for a determination of the material which is disposed there.

The operator shall calculate the radius of exposure if the hydrogen sulfide concentration in the Landfarm increases to 100 ppm or greater. The operator shall also recalculate the radius of exposure if the actual volume fraction of hydrogen sulfide increases by a factor of twenty-five percent if the Landfarm previously had a hydrogen sulfide concentration of 100 ppm or greater. If calculation or recalculation of the radius of exposure reveals that a potentially hazardous volume is present, the results shall be provided to the division within sixty (60) days.

If the Landfarm has a concentration of hydrogen sulfide of 100 ppm or greater, signs and/or markers shall be installed and maintained. Each sign or marker shall conform with the current ANSI standard Z535.1-2002 ("Safety Color Code"), or some other standard approved by the division, shall be readily readable, and shall contain the words "poison gas" and other information sufficient to warn the public that a potential danger exists. Signs or markers shall be prominently posted at locations, including but not limited to entrance points and road crossings, sufficient to alert the public that a potential danger exists.

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The operator shall notify the division upon a release of hydrogen sulfide requiring activation of the hydrogen sulfide contingency plan as soon as possible, but no more than four hours after plan activation, recognizing that a prompt response should supercede notification. The operator facility shall submit a full report of the incident to the division on Form C-141 no later than fifteen (15) days following the release.

Item #15: Closure and Post Closure

The operator shall notify the division's environmental bureau at least 60 days prior to cessation of operations at the surface waste management facility and provide a proposed schedule for closure.

Closure shall proceed in accordance with the approved closure plan and schedule and modifications or additional requirements the division imposes, if any. During closure operations the operator shall maintain the surface waste management facility to protect fresh water, public health, safety and the environment.

Upon completion of closure, the operator shall re-vegetate the site. Re-vegetation shall consist of establishment of a vegetative cover equal to 70 percent of the native perennial vegetative cover or scientifically documented ecological description consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintenance of that cover through two successive growing seasons.

The operator shall ensure that disking and addition of bioremediation enhancing materials continues until soils within the cells are remediated to the standards provided in Subsection F of 19.15.36.15 NMAC, or as otherwise approved by the division.

The operator shall ensure that soils remediated to the foregoing standards and left in place are re-vegetated in accordance with Paragraph (6) of Subsection A of 19.15.36.18 NMAC.

The operator shall ensure that landfarmed soils that have not been or cannot be remediated to the standards in Subsection F of 19.15.36.15 NMAC are removed to a division-approved surface waste management facility and the Landfarm remediation area is filled in with native soil and re-vegetated in accordance with Paragraph (6) of Subsection A of 19.15.36.18 NMAC.

The operator shall ensure that if treated soils are removed, the cell is filled in with native soils and re-vegetated in accordance with Paragraph (6) of Subsection A of 19.15.36.18 NMAC.

The operator shall ensure that berms, buildings, fences, roads and equipment are removed and that the site is cleaned-up and tests are conducted on the soils for contamination.

The operator shall ensure that annual reports of vadose zone and treatment zone sampling are submitted to the division's environmental bureau until the division has approved the surface waste management facility's final closure.

The operator shall ensure that the soil has an electrical conductivity (EC_s) of less than or equal to 4.0 mmhos/cm (dS/m) and a SAR of less than or equal to 13.0.

The post-closure care period for the Landfarm shall be three years during which the operator shall regularly inspect and maintain required re-vegetation.

If there has been a release to the vadose zone or to ground water, then the operator shall comply with the applicable requirements of 19.15.1.19 and 19.15.3.116 NMAC.

On July 8, 2008, the NMOCD approved a Commercial Surface Waste Management Facility Surety Bond for the existing Landfarm which is adjacent to the proposed expansion. Based on the financial assurance and performance compliance which that bond represents, we hereby propose to calculate the cost estimate to close the proposed expansion using the amount of the approved bond. Please see the following calculation for a surety bond to cover the closure and post-closure costs of the proposed expansion on a per acre basis:

$	265,215	Bond for existing Landfarm
	308	Existing LF Acreage
$	861	/acre
	189	Additional Acres
$	162,729	Proposed bond for expansion area

Item #16: Emergency Contingency Plan

1. In the event of a fire, explosion, or release to air, soil, surface water or groundwater of contaminates or oil field waste that could threaten fresh water, public health, safety or the environment, the Landfarm employees will implement the following steps:
    a. Stop all activities, assess the situation and determine if emergency steps are needed.
    b. Communicate to facility personnel, any necessary emergency response agencies, and management via the cellular phones and air horns that an emergency condition exists. In case of after hours, contact 911 for appropriate dispatch of emergency services. Management will then notify NMOCD and all non emergency agencies as needed.
    c. If a fire has occurred, every effort shall be made to contain it using the proper fire extinguishers and shovels as appropriate.
    d. In the case of a spill, every effort shall be made to contain the spill using shovels, equipment and absorbent materials.
    e. All activities will follow the most current NMOCD regulations.

2. All local police department, fire department, hospitals, and state and local emergency response teams have been notified of the location of the Landfarm and the nature of business taking place at this location. If contractors are needed for emergency response purposes the Landfarm will rely on Envirotech's 24 Hour Emergency Response Team.

3. The emergency coordinator for the Landfarm is:

    April Pohl
    5796 US Hwy 64
    Farmington, NM 87401
    505-320-6431 Cell
    505-632-0647 Home
    505-632-0615 Work

    (1) List of emergency equipment on site:

        1. Fire Extinguishers (placed in office & equipment) 20Lb.;
        2. Emergency Spill Kit (located in office) 55 gallon drum;
        3. Air Horn 150 DB. (located in office & equipment);
        4. First Aid Kit.

4. Emergency equipment located onsite will consist of:
    a. 20 lb. Fire Extinguishers – located in the Landfarm office and on all equipment;
    b. A 55 gallon drum Emergency Spill Kit – located in the Landfarm office;
    c. 150DB Air Horns – located in the Landfarm office and on all equipment;
    d. First Aid Kit;
    e. Cellular phones – in possession of all employees;

5. In the event of an emergency, evacuation will proceed as follows
    a. Employee initiation evacuation will sound air horn;
    b. All employees will proceed to designated meeting area –
        i. Primary - Landfarm # 2 Main Gate;
        ii. Secondary – Intersection of Highway 550 and Angel Peak Road;
    c. Employees will complete evacuation by traveling to Highway 550 and North;
    d. Meeting location once evacuation is completed will be the fuel station north of the landfarm in Hilltop, New Mexico.

6. As stated in Envirotech's OCD Rule 711 Permit Approval NM-01-0011, the Landfarm is permitted to accept hydrocarbon contaminated soil and sludge. Should an emergency occur, information is available at both the Landfarm office as well as the main office, including documentation of where all material originated from, who transported it, and where the material was placed. This information is readily available and would aid in an investigation. Sludge authorized for acceptance is placed directly into a concrete containment, where it is blended to promote stability of the material. Soil to be remediated is placed directly into the grid it has been assigned, all cells are surrounded by a soil containment berm. Corrections to operation procedures will be made on a case by case basis when necessary.

7. Copies of this contingency plan are available at Envirotech's main office, located at 5796 US Hwy 64, Farmington, New Mexico. An additional copy of this contingency plan is available at the Landfarm office. Should an emergency occur at the Landfarm, a copy of this contingency plan will be available to any emergency response agencies that are needed to respond.

8. The contingency plan will be amended as soon as possible but no later than five working days after any of the following events take place.
    a. The surface waste management facility permit is revised or modified;
    b. The plan fails in an emergency;
    c. The surface waste management facility changes in design construction operation maintenance or other circumstances in a way that increases the potential for fires, explosions, or releases of oilfield waste that could threaten fresh water, public health, safety, and environment;
    d. Emergency coordinators or their contact information changes;
    e. Emergency equipment changes.

9. The emergency coordinator or the coordinator's designee will communicate to in the following ways:
    a. Facility personnel will be notified via air horn or cellular phones that an emergency has occurred;
    b. Local and state emergency response agencies will be notified by contacting 911, all other agencies will be notified according once the emergency is under control.

10. The emergency coordinator will be able to identify the source of any emergency due to intensive documentation of all material transported to the Landfarm, including where the material originated from, who transported, and where the material was placed. The emergency coordinator will be assisted by an Environmental Scientist to assess possible hazard to fresh water, public health, safety or the environment for the emergency by collecting the appropriate samples of air, water, or soil when needed.

11. Due to the nature of operation of this facility monitoring for leaks, pressure buildup, gas generation or rupture in valves, pipes or the equipment in the event of a temporary closure would be an unlikely event.

12. Due to the nature of operation of this facility which is acceptance of hydrocarbon contaminated soil and sludge, once the emergency phase of a fire, explosion, or spill has been completed, business will continue

as usual. Any material that has been deemed hazardous due to the emergency will be disposed of at a hazardous waste facility as soon as arrangements can be made. Non-hazardous materials shall remain at the Landfarm for remediation.

13. Due to the nature of operation of this facility, acceptance of hydrocarbon contaminated soil and sludge, all contaminated material authorized for acceptance should consist of a similar chemical makeup. The Landfarm will suspend normal operations and will not accept material while attempting to control any emergency situation.

14. The Emergency Coordinator may amend the plan during an emergency as necessary to protect fresh water, public health, safety, or the environment

Item #17: Plan to control run-on water onto the site and run-off water from the site

The operator shall construct 4 foot berms around each Landfarm cell to prevent rainwater run-on and run-off. The operator shall construct soil berms to control run-on water onto the site and run-off water from the site, such that:

(1) the run-on and run-off control system shall prevent flow onto the Landfarm's active portion during the peak discharge from a 25-year storm; and

(2) run-off from the Landfarm's active portion shall not be allowed to discharge a pollutant to the waters of the state or United States that violates state water quality standards.

(3) if any break of the berm system occurs, the operator shall immediately notify NMOCD, repair the break and take appropriate measures to contain any runoff.

Item #20: Best Management Practice Plan

Water: The Landfarm is located on a plain or mesa that has no fresh water resources. The first usable aquifer is the Ojo Amarillo at approximately 1,250 feet below ground surface.

Public Health: The Landfarm is located in an area remote to human habitation. There are no residences with one (1) mile of the facility boundaries. This is an open air facility with a prevailing westerly breeze that prevents any vapor or odor accumulation that may affect employees stationed at the Landfarm.

Safety: Safe operation is our prime objective. All employees attend monthly safety meetings and seminars. A tailgate safety meeting is conducted before each shift noting the dangers of heavy equipment operation, temperature extremes, slips, trips or falls and other dangers at the site. This tailgate safety meeting also refreshes the employees on the emergency procedures to follow in the event of an incident.

Environment: The entire landfarm facility is enclosed with four-wire barbed wire fence, locked gates and four (4) foot earthen berms. The berm is to prevent storm water from entering the facility and provides containment of any contaminated media including storm water and/or contaminated soils. This is an open air facility with no close proximity to any habitable residences or open water. There are no impoundments, process piping or vessels.

Item #21: Demonstrtion of compliance with the siting requirements of Sebsections A and B of 19.15.36.13 NMAC.

This Landfarm accepts soil or drill cuttings with a chloride concentration that exceeds 500 mg/kg and is located where ground water is more than 100 feet below the lowest elevation at which the operator will place oil field waste.

This Landfarm is not located within 200 feet of a watercourse, lakebed, sinkhole or playa lake; within an existing wellhead protection area or 100-year floodplain; within, or within 500 feet of, a wetland; within the area overlying a subsurface mine; within 500 feet from the nearest permanent residence, school, hospital, institution or church in existence at the time of initial application; or within an unstable area.

Item #22: Geological/Hydrological Data:

(a) Not applicable: there are no streams, springs or other watercourses, or water wells within one mile of the site;

(b) and (c) Not Applicable: First aquifer is Ojo Amarillo formation located approximately 1,250 feet below ground surface with total dissolved solids (TDS) of approximately 650 milligrams per liter. TDS and depth information is based on San Juan Basin, New Mexico, Hydrological Report No. 6, New Mexico Institute of Mining and Technology, 1983. Well data is from the nearest water well located at the Mustang Convenience Store approximately 2-1/2 miles north of the north boundary of the site (T27N, R11W, Section 33).

(d) and (e) The surface soil is fine grain sand, brown/tan. First upper shale layer of the Nacimento formation varies from approximately 15 feet to 25 feet below ground surface. The Nacimento formation is interbedded shaley mudstone layered with sandstone to 1,200 feet below ground surface. The **Ojo Alamo** Sandstone Unit consists of fine to medium grain sand, competent, with an average thickness of 220 feet. Water is at approximately 1,250 below ground surface in the top of the **Ojo Alamo or Ojo Amarillo** formation.

(f) Not applicable;

(g) See attached Geomat Laboratory report on surface soil characteristics of the proposed Landfarm expansion area.

Item #22(g)

GEOMAT INC
2060 Afton Place ◆ Farmington, NM 87401 ◆ Tel (505) 327-7928 ◆ Fax (505) 326-5721

May 12, 2008
GEOMAT Project No. 81-0657

RECEIVED
MAY 12 2008

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

RE: Land Farm Expansion Area
U.S. Highway 550 South of Bloomfield, NM

As you requested we have performed laboratory testing on a sample representative of the surface soils at the above referenced project. The sample was submitted to our laboratory for testing on May 6, 2008. The tests performed and results follow.

Soil Index Tests

Sieve Analysis, ASTM C117, C136	
Sieve Size	Accumulative % Passing
No. 10	100
No. 16	99
No. 30	94
No. 40	85
No. 50	73
No. 100	35
No. 200	19
Plasticity Index, ASTM D4318	
Liquid Limit	NLL
Plastic Limit	NPL
Plasticity Index	Non Plastic
Soil Classification for Engineering Purposes, ASTM D2487	
SM, Silty Sand, Brown	

Compaction / Swelling Characteristics

Compaction		
Test Method	Dry Density	Optimum Moisture Content
Moisture-Density Relationship, ASTM D698	117.7 pcf	11.0 %
Swelling Characteristics		
[1]Remolded Swell Potential, %	0.0	

[1]Sample molded to 90% compaction at 3% below optimum moisture content, surcharged with 100 psf, then wetted.

Morris Young
Envirotech Land Farm
GEOMAT Project No. 81-0657
May 12, 2008

Soil Resistivity

Minimum Resistivity, ARIZ 236b	20,207 ohm-cm

Porosity / Permeability Properties

[2]Porosity	23% (assuming dense condition)
[3]Permeability	Semi-Pervious to Impervious (when compacted)
[2]From B.K. Hough, Basic Soils Engineering, 2nd Edition	
[3]From Bureau of Reclamation, U.S. Department of the Interior	

Thank you for the opportunity to work with you on this project. If you have any questions or need additional information, please let us know.

Sincerely yours,
GEOMAT Inc.

George A. Madrid, P.E.
President, Principal Engineer

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell K-2	Date Reported:	04-30-08
Laboratory Number:	45212	Date Sampled:	04-17-08
Chain of Custody No:	4280	Date Received:	04-17-08
Sample Matrix:	Soil	Date Extracted:	04-28-08
Preservative:	Cool	Date Analyzed:	04-29-08
Condition:	Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 4.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-29-08 QA/QC	Date Reported:	04-30-08
Laboratory Number:	45197	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-29-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0077E+003	1.0081E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0070E+003	1.0074E+003	**0.04%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**		**0 - 30%**
Diesel Range C10 - C28	**179**	**178**	**0.6%**	**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	**179**	**250**	**419**	**97.7%**	**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 45197- 45205 and 45212.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell K-2	Date Reported:	05-01-08
Laboratory Number:	45212	Date Sampled:	04-17-08
Chain of Custody:	4280	Date Received:	04-17-08
Sample Matrix:	Soil	Date Analyzed:	04-30-08
Preservative:	Cool	Date Extracted:	04-28-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**49.0**	**1.0**
Ethylbenzene	**3.4**	**1.0**
p,m-Xylene	**31.2**	**1.2**
o-Xylene	**13.5**	**0.9**
Total BTEX	**97.1**	

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm 2 Unit 4 First Quarter 2008 Background Sample**
24"-36" Below treatment Zone

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:	04-30-bt QA/QC	Date Reported:	05-01-08
Laboratory Number:	45197	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-30-08
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	4.4720E+007	4.4810E+007	**0.2%**	**ND**	**0.1**
Toluene	3.6600E+007	3.6673E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	2.7206E+007	2.7260E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	5.6332E+007	5.6445E+007	**0.2%**	**ND**	**0.1**
o-Xylene	2.6230E+007	2.6282E+007	**0.2%**	**ND**	**0.1**

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

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**47.0**	**94.0%**	**39 - 150**
Toluene	**ND**	**50.0**	**49.5**	**99.0%**	**46 - 148**
Ethylbenzene	**ND**	**50.0**	**48.0**	**96.0%**	**32 - 160**
p,m-Xylene	**ND**	**100**	**95.0**	**95.0%**	**46 - 148**
o-Xylene	**ND**	**50.0**	**50.0**	**100.0%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for Samples 45197 to 45205 and 45212.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

4280

Client:	Project Name / Location:
ENVIROTECH	LANDFARM #2 UNIT 4
Client Address:	Sampler Name: Josh KIRCHNER
Client Phone No.:	Client No.:

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)				Sample Cool	Sample Intact
CELL K-2	4/17/08	~~11:20~~	45212	soil	1-4oz			✓	✓						First Quarter 2008 Background Sample 24"-36" Below Treatment Zone					✓	✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Johnny M Kirchner	4/17/08	14:20		4/17/08	1420
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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell E-7	Date Reported:	04-14-08
Laboratory Number:	44841	Date Sampled:	03-31-08
Chain of Custody No:	4173	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-10-08
Preservative:	Cool	Date Analyzed:	04-11-08
Condition:	Cool & 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 4.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell B-6	Date Reported:	04-14-08
Laboratory Number:	44842	Date Sampled:	03-31-08
Chain of Custody No:	4173	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-10-08
Preservative:	Cool	Date Analyzed:	04-11-08
Condition:	Cool & 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 4.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-11-08 QA/QC	Date Reported:	04-14-08
Laboratory Number:	44873	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-11-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0011E+003	1.0015E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0082E+003	1.0086E+003	**0.04%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**ERR**	**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**	**249**	**99.6%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for Samples 44668, 44841 - 44842, 44873 - 44874 and 44881 - 44885.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell E-7	Date Reported:	04-14-08
Laboratory Number:	44841	Date Sampled:	03-31-08
Chain of Custody:	4173	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-11-08
Preservative:	Cool	Date Extracted:	04-10-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 4.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell B-6	Date Reported:	04-14-08
Laboratory Number:	44842	Date Sampled:	03-31-08
Chain of Custody:	4173	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-11-08
Preservative:	Cool	Date Extracted:	04-10-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 4.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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:	04-11-BTEX QA/QC	Date Reported:	04-14-08
Laboratory Number:	44873	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-11-08
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	5.8527E+007	5.8645E+007	**0.2%**	**ND**	**0.1**
Toluene	4.8522E+007	4.8619E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	3.7743E+007	3.7819E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	7.4525E+007	7.4675E+007	**0.2%**	**ND**	**0.1**
o-Xylene	3.5772E+007	3.5844E+007	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**0.9**
Toluene	**7.3**	**7.1**	**2.7%**	**0 - 30%**	**1.0**
Ethylbenzene	**1.8**	**1.8**	**0.0%**	**0 - 30%**	**1.0**
p,m-Xylene	**4.3**	**4.2**	**2.3%**	**0 - 30%**	**1.2**
o-Xylene	**4.1**	**4.1**	**0.0%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**50.0**	**100%**	**39 - 150**
Toluene	**7.3**	**50.0**	**57.1**	**99.7%**	**46 - 148**
Ethylbenzene	**1.8**	**50.0**	**51.8**	**100%**	**32 - 160**
p,m-Xylene	**3.3**	**100**	**94.3**	**91.3%**	**46 - 148**
o-Xylene	**4.1**	**50.0**	**53.1**	**98.2%**	**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 44841 - 44842 and 44872 - 44874.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

4173

Client:	Project Name / Location:
Envirotech	Landfarm #2 Unit 4
Client Address:	Sampler Name: J. McDaniel
Client Phone No.:	Client No.: N/A

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)					Sample Cool	Sample Intact
Cell E-7	3/31/08	1145	44841	Soil	1-4oz			✓	✓					First Quarter 2008							✓	✓
Cell B-6	3/31/08	1138	44842	⊥	⊥			✓	✓					Background Samples							✓	✓
														24"-36" below								
														treatment zone								

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/31/08	1600	Christine M Waters	3/31/08	1600
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell A-3	Date Reported:	04-07-08
Laboratory Number:	44777	Date Sampled:	03-31-08
Chain of Custody No:	4131	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-04-08
Condition:	Cool & 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 4.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-04-08 QA/QC	Date Reported:	04-07-08
Laboratory Number:	44756	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-04-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0057E+003	1.0061E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	9.9680E+002	9.9719E+002	**0.04%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**2,350**	**2,340**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**3,270**	**3,250**	**0.6%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**2,350**	**250**	**2,590**	**99.6%**	**75 - 125%**
Diesel Range C10 - C28	**3,270**	**250**	**3,500**	**99.4%**	**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 44756 - 44758 and 44771 - 44777.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell A-3	Date Reported:	04-07-08
Laboratory Number:	44777	Date Sampled:	03-31-08
Chain of Custody:	4131	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-04-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 4.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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:	04-04-BTEX QA/QC	Date Reported:	04-07-08
Laboratory Number:	44756	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-04-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.9371E+007	6.9510E+007	**0.2%**	**ND**	**0.1**
Toluene	5.5922E+007	5.6034E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	4.2017E+007	4.2101E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	8.0863E+007	8.1025E+007	**0.2%**	**ND**	**0.1**
o-Xylene	3.9601E+007	3.9681E+007	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**64.0**	**63.9**	**0.2%**	**0 - 30%**	**0.9**
Toluene	**278**	**273**	**2.0%**	**0 - 30%**	**1.0**
Ethylbenzene	**675**	**673**	**0.2%**	**0 - 30%**	**1.0**
p,m-Xylene	**2,640**	**2,630**	**0.4%**	**0 - 30%**	**1.2**
o-Xylene	**378**	**377**	**0.2%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**64.0**	**50.0**	**114**	**99.7%**	**39 - 150**
Toluene	**278**	**50.0**	**318**	**96.8%**	**46 - 148**
Ethylbenzene	**675**	**50.0**	**722**	**99.7%**	**32 - 160**
p,m-Xylene	**2,640**	**100**	**2,730**	**99.6%**	**46 - 148**
o-Xylene	**378**	**50.0**	**427**	**99.8%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

References:

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

Comments: **QA/QC for Samples 44756, 44758, 44770, 44772, 44773 - 44777.**

Analyst

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CHAIN OF CUSTODY RECORD

4131

Client:	Project Name / Location:
Envirotech	Landfarm # 2 Unit 4
Client Address:	Sampler Name: J. McDaniel
Client Phone No.:	Client No.:

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)				Sample Cool	Sample Intact
Cell A-3	3/31/08	1130	44777	Soil	1-4oz			✓	✓						First Quarter 2008 BG Samples 24"-36" below treatment Zone					✓	✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/31/08	1320	Christine M Walter	3/31/08	1320
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell K-2	Date Reported:	04-10-08
Laboratory Number:	44839	Date Sampled:	03-31-08
Chain of Custody No:	4172	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-08-08
Preservative:	Cool	Date Analyzed:	04-09-08
Condition:	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)	**12.6**	**0.1**
Total Petroleum Hydrocarbons	**12.9**	**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 4.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell H-3	Date Reported:	04-10-08
Laboratory Number:	44840	Date Sampled:	03-31-08
Chain of Custody No:	4172	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-08-08
Preservative:	Cool	Date Analyzed:	04-08-08
Condition:	Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

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

Comments: **Landfarm #2 Unit 4.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-09-08 QA/QC	Date Reported:	04-10-08
Laboratory Number:	44807	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-09-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9731E+002	9.9771E+002	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0060E+003	1.0064E+003	**0.04%**	**0 - 15%**

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**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 44802 - 44803, 44807 - 44811 and 44838 - 44840.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell K-2	Date Reported:	04-10-08
Laboratory Number:	44839	Date Sampled:	03-31-08
Chain of Custody:	4172	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-09-08
Preservative:	Cool	Date Extracted:	04-08-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**29.6**	**1.0**
Ethylbenzene	**1.7**	**1.0**
p,m-Xylene	**235**	**1.2**
o-Xylene	**49.8**	**0.9**
Total BTEX	**316**	

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 4.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell H-3	Date Reported:	04-10-08
Laboratory Number:	44840	Date Sampled:	03-31-08
Chain of Custody:	4172	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-09-08
Preservative:	Cool	Date Extracted:	04-08-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 4.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

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:	04-09-BTEX QA/QC	Date Reported:	04-10-08
Laboratory Number:	44807	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-09-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.3535E+007	6.3663E+007	**0.2%**	**ND**	**0.1**
Toluene	4.8351E+007	4.8448E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	3.6197E+007	3.6269E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	7.1582E+007	7.1725E+007	**0.2%**	**ND**	**0.1**
o-Xylene	3.4496E+007	3.4566E+007	**0.2%**	**ND**	**0.1**

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

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**50.0**	**100%**	**39 - 150**
Toluene	**ND**	**50.0**	**49.8**	**99.6%**	**46 - 148**
Ethylbenzene	**ND**	**50.0**	**50.0**	**100%**	**32 - 160**
p,m-Xylene	**ND**	**100**	**95.0**	**95.0%**	**46 - 148**
o-Xylene	**ND**	**50.0**	**49.0**	**98.0%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for Samples 44802 - 44803, 44807 - 44811, 44838 - 44840.**

Analyst

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CHAIN OF CUSTODY RECORD

4172

Client:	Project Name / Location:
Envirotech	Landfarm #2 Unit 4
Client Address:	Sampler Name: J. McDaniel
Client Phone No.:	Client No.: N/A

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)					Sample Cool	Sample Intact
Cell K-2	3/31/08	1157	44839	Soil	1-402			✓	✓						First Quarter 2008						✓	✓
Cell H-3	3/31/08	1152	44840	⊥	⊥			✓	✓						Background Samples						✓	✓
															24"-36" below							
															treatment Zone							

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/31/08	1600	Christine M Walter	3/3/08	1600
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell F-9	Date Reported:	04-08-08
Laboratory Number:	44746	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell H-11	Date Reported:	04-08-08
Laboratory Number:	44747	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell I-3	Date Reported:	04-08-08
Laboratory Number:	44748	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell L-1	Date Reported:	04-08-08
Laboratory Number:	44749	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell M-12	Date Reported:	04-08-08
Laboratory Number:	44751	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell O-16	Date Reported:	04-08-08
Laboratory Number:	44752	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell Q-8	Date Reported:	04-08-08
Laboratory Number:	44753	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell Q-13	Date Reported:	04-08-08
Laboratory Number:	44754	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell S-6	Date Reported:	04-08-08
Laboratory Number:	44755	Date Sampled:	03-31-08
Chain of Custody No:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-07-08
Preservative:	Cool	Date Analyzed:	04-07-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-07-08 QA/QC	Date Reported:	04-08-08
Laboratory Number:	44746	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-07-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9215E+002	9.9255E+002	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	9.9911E+002	9.9951E+002	**0.04%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**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 44746 - 44755.**

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell F-9	Date Reported:	04-08-08
Laboratory Number:	44746	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell H-11	Date Reported:	04-08-08
Laboratory Number:	44747	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell I-3	Date Reported:	04-08-08
Laboratory Number:	44748	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell L-1	Date Reported:	04-08-08
Laboratory Number:	44749	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell L-6	Date Reported:	04-08-08
Laboratory Number:	44750	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell M-12	Date Reported:	04-08-08
Laboratory Number:	44751	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell O-16	Date Reported:	04-08-08
Laboratory Number:	44752	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell Q-8	Date Reported:	04-08-08
Laboratory Number:	44753	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell Q-13	Date Reported:	04-08-08
Laboratory Number:	44754	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell S-6	Date Reported:	04-08-08
Laboratory Number:	44755	Date Sampled:	03-31-08
Chain of Custody:	4098	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-07-08
Preservative:	Cool	Date Extracted:	04-07-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-07-BTEX QA/QC	Date Reported:	04-08-08
Laboratory Number:	44746	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-07-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.7136E+007	6.7271E+007	**0.2%**	**ND**	**0.1**
Toluene	5.3591E+007	5.3699E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	4.0519E+007	4.0601E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	7.8188E+007	7.8345E+007	**0.2%**	**ND**	**0.1**
o-Xylene	3.7933E+007	3.8009E+007	**0.2%**	**ND**	**0.1**

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

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**49.8**	**99.6%**	**39 - 150**
Toluene	**ND**	**50.0**	**50.0**	**100%**	**46 - 148**
Ethylbenzene	**ND**	**50.0**	**49.0**	**98.0%**	**32 - 160**
p,m-Xylene	**ND**	**100**	**97.0**	**97.0%**	**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 44746 - 44755.**

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CHAIN OF CUSTODY RECORD

4098

Client:	Project Name / Location:
ENVIROTECH	LANDFARM #2
Client Address:	Sampler Name: J. McDaniel
Client Phone No.:	Client No.:

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)				Sample Cool	Sample Intact
Cell F-9	3/31/08	0930	44746	soil	1-402			✓	✓											✓	✓
Cell H-11		0917	44747					✓	✓											✓	✓
Cell I-3		1002	44748					✓	✓											✓	✓
Cell L-1		0955	44749					✓	✓											✓	✓
Cell L-6		0947	44750					✓	✓											✓	✓
Cell M-12		0940	44751					✓	✓											✓	✓
Cell O-16		1052	44752					✓	✓											✓	✓
Cell Q-8		1058	44753					✓	✓											✓	✓
Cell Q-13		1045	44754					✓	✓											✓	✓
Cell S-6		1103	44755					✓	✓											✓	✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/31/08	1320		3/31/08	1320
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell U-4	Date Reported:	04-07-08
Laboratory Number:	44772	Date Sampled:	03-31-08
Chain of Custody No:	4094	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-04-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell Y-2	Date Reported:	04-07-08
Laboratory Number:	44773	Date Sampled:	03-31-08
Chain of Custody No:	4094	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-04-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-04-08 QA/QC	Date Reported:	04-07-08
Laboratory Number:	44756	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-04-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0057E+003	1.0061E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	9.9680E+002	9.9719E+002	**0.04%**	**0 - 15%**

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**2,350**	**2,340**	**0.4%**	**0 - 30%**
Diesel Range C10 - C28	**3,270**	**3,250**	**0.6%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**2,350**	**250**	**2,590**	**99.6%**	**75 - 125%**
Diesel Range C10 - C28	**3,270**	**250**	**3,500**	**99.4%**	**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 44756 - 44758 and 44771 - 44777.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell U-4	Date Reported:	04-07-08
Laboratory Number:	44772	Date Sampled:	03-31-08
Chain of Custody:	4094	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-04-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell Y-2	Date Reported:	04-07-08
Laboratory Number:	44773	Date Sampled:	03-31-08
Chain of Custody:	4094	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-04-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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:	04-04-BTEX QA/QC	Date Reported:	04-07-08
Laboratory Number:	44756	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-04-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.9371E+007	6.9510E+007	0.2%	ND	0.1
Toluene	5.5922E+007	5.6034E+007	0.2%	ND	0.1
Ethylbenzene	4.2017E+007	4.2101E+007	0.2%	ND	0.1
p,m-Xylene	8.0863E+007	8.1025E+007	0.2%	ND	0.1
o-Xylene	3.9601E+007	3.9681E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	64.0	63.9	0.2%	0 - 30%	0.9
Toluene	278	273	2.0%	0 - 30%	1.0
Ethylbenzene	675	673	0.2%	0 - 30%	1.0
p,m-Xylene	2,640	2,630	0.4%	0 - 30%	1.2
o-Xylene	378	377	0.2%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	64.0	50.0	114	99.7%	39 - 150
Toluene	278	50.0	318	96.8%	46 - 148
Ethylbenzene	675	50.0	722	99.7%	32 - 160
p,m-Xylene	2,640	100	2,730	99.6%	46 - 148
o-Xylene	378	50.0	427	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for Samples 44756, 44758, 44770, 44772, 44773 - 44777.**

Analyst

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CHAIN OF CUSTODY RECORD

4094

Client:	Project Name / Location:
Enviroteh	Landfarm #2
Client Address:	Sampler Name: J. McDaniel
Client Phone No.:	Client No.: N/A

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)					Sample Cool	Sample Intact
								ANALYSIS / PARAMETERS														
Cell U-4	3/31/08	1106	44772	Soil	1-4oz			✓	✓						First Quarter 2008						✓	✓
Cell Y-2	3/31/08	1110	44773	Soil	1-4oz			✓	✓						BG Samples 24"-36"						✓	✓
~~Cell A3~~	~~3/31/08~~	~~1130~~	~~44777~~	~~1~~	~~1~~			~~✓~~	~~✓~~		moved to				below treatment zone						✓	✓
												CoC	4131									

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/31/08	1320		3/31/08	1320
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell B-10	Date Reported:	04-04-08
Laboratory Number:	44739	Date Sampled:	03-31-08
Chain of Custody No:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-03-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell B-15	Date Reported:	04-04-08
Laboratory Number:	44740	Date Sampled:	03-31-08
Chain of Custody No:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-03-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell B-21	Date Reported:	04-04-08
Laboratory Number:	44741	Date Sampled:	03-31-08
Chain of Custody No:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-03-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell C-23	Date Reported:	04-04-08
Laboratory Number:	44742	Date Sampled:	03-31-08
Chain of Custody No:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-03-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell E-14	Date Reported:	04-04-08
Laboratory Number:	44743	Date Sampled:	03-31-08
Chain of Custody No:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-03-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell E-19	Date Reported:	04-04-08
Laboratory Number:	44744	Date Sampled:	03-31-08
Chain of Custody No:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-03-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell F-3	Date Reported:	04-04-08
Laboratory Number:	44745	Date Sampled:	03-31-08
Chain of Custody No:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Extracted:	04-03-08
Preservative:	Cool	Date Analyzed:	04-03-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-03-08 QA/QC	Date Reported:	04-04-08
Laboratory Number:	44722	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-03-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0091E+003	1.0095E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0135E+003	1.0139E+003	**0.04%**	**0 - 15%**

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**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 44722 - 44723 and 44738 - 44745.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell B-10	Date Reported:	04-04-08
Laboratory Number:	44739	Date Sampled:	03-31-08
Chain of Custody:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-03-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell B-15	Date Reported:	04-04-08
Laboratory Number:	44740	Date Sampled:	03-31-08
Chain of Custody:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-03-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell B-21	Date Reported:	04-04-08
Laboratory Number:	44741	Date Sampled:	03-31-08
Chain of Custody:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-03-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell C-23	Date Reported:	04-04-08
Laboratory Number:	44742	Date Sampled:	03-31-08
Chain of Custody:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-03-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell E-14	Date Reported:	04-04-08
Laboratory Number:	44743	Date Sampled:	03-31-08
Chain of Custody:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-03-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell E-19	Date Reported:	04-04-08
Laboratory Number:	44744	Date Sampled:	03-31-08
Chain of Custody:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-03-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell F-3	Date Reported:	04-04-08
Laboratory Number:	44745	Date Sampled:	03-31-08
Chain of Custody:	4097	Date Received:	03-31-08
Sample Matrix:	Soil	Date Analyzed:	04-03-08
Preservative:	Cool	Date Extracted:	04-03-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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:	04-03-BTEX QA/QC	Date Reported:	04-04-08
Laboratory Number:	44723	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-03-08
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	2.7328E+007	2.7382E+007	**0.2%**	**ND**	**0.1**
Toluene	2.1882E+007	2.1925E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	1.5865E+007	1.5897E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	3.4012E+007	3.4080E+007	**0.2%**	**ND**	**0.1**
o-Xylene	1.4517E+007	1.4546E+007	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**0.9**
Toluene	**ND**	**ND**	**0.0%**	**0 - 30%**	**1.0**
Ethylbenzene	**18.6**	**18.5**	**0.5%**	**0 - 30%**	**1.0**
p,m-Xylene	**255**	**254**	**0.2%**	**0 - 30%**	**1.2**
o-Xylene	**31.5**	**31.4**	**0.3%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**49.8**	**99.6%**	**39 - 150**
Toluene	**ND**	**50.0**	**50.0**	**100%**	**46 - 148**
Ethylbenzene	**18.6**	**50.0**	**67.6**	**98.5%**	**32 - 160**
p,m-Xylene	**255**	**100**	**351**	**99.0%**	**46 - 148**
o-Xylene	**31.5**	**50.0**	**81.4**	**99.9%**	**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 44723 and 44737 - 44745.**

Analyst

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CHAIN OF CUSTODY RECORD

4097

Client:	Project Name / Location:
ENVIROTECH	LANDFARM #2
Client Address:	Sampler Name: J. McDaniel
Client Phone No.:	Client No.:

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)				Sample Cool	Sample Intact
								ANALYSIS / PARAMETERS													
Cell B-10	3/31/08	1015	44739	soil	1-4oz			✓	✓											X	X
Cell B-15		1020	44740					✓	✓											X	X
Cell B-21		1034	44741					✓	✓											X	X
Cell C-23		1036	44742					✓	✓											X	X
Cell E-14		1025	44743					✓	✓											X	X
Cell E-19		1030	44744					✓	✓											X	X
Cell F-3		1007	44745					✓	✓											X	X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/31/08	1320		3/31/08	1320
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell I-25	Date Reported:	04-02-08
Laboratory Number:	44685	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell J-21	Date Reported:	04-02-08
Laboratory Number:	44686	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell L-9	Date Reported:	04-02-08
Laboratory Number:	44687	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell P-10	Date Reported:	04-02-08
Laboratory Number:	44688	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell P-19	Date Reported:	04-02-08
Laboratory Number:	44689	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell P-31	Date Reported:	04-02-08
Laboratory Number:	44690	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell Q-36	Date Reported:	04-02-08
Laboratory Number:	44691	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell R-15	Date Reported:	04-02-08
Laboratory Number:	44692	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell T-9	Date Reported:	04-02-08
Laboratory Number:	44693	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell W-9	Date Reported:	04-02-08
Laboratory Number:	44694	Date Sampled:	03-24-08
Chain of Custody No:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-31-08
Preservative:	Cool	Date Analyzed:	04-01-08
Condition:	Cool & 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.**
First Quarter 2008 Background Samples 24" - 36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-01-08 QA/QC	Date Reported:	04-02-08
Laboratory Number:	44685	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-01-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0114E+003	1.0118E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0004E+003	1.0008E+003	**0.04%**	**0 - 15%**

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**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 44685 - 44694.**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell I-25	Date Reported:	04-02-08
Laboratory Number:	44685	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell J-21	Date Reported:	04-02-08
Laboratory Number:	44686	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell L-9	Date Reported:	04-02-08
Laboratory Number:	44687	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell P-10	Date Reported:	04-02-08
Laboratory Number:	44688	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell P-19	Date Reported:	04-02-08
Laboratory Number:	44689	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell P-31	Date Reported:	04-02-08
Laboratory Number:	44690	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell Q-36	Date Reported:	04-02-08
Laboratory Number:	44691	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell R-15	Date Reported:	04-02-08
Laboratory Number:	44692	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell T-9	Date Reported:	04-02-08
Laboratory Number:	44693	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell W-9	Date Reported:	04-02-08
Laboratory Number:	44694	Date Sampled:	03-24-08
Chain of Custody:	3884	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	04-01-08
Preservative:	Cool	Date Extracted:	03-31-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Sample 24" - 36" Below Treatment Zone.

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:	04-01-BTEX QA/QC	Date Reported:	04-02-08
Laboratory Number:	44685	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-01-08
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	3.0242E+007	3.0302E+007	**0.2%**	**ND**	**0.1**
Toluene	2.4812E+007	2.4862E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	1.8769E+007	1.8807E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	3.9409E+007	3.9488E+007	**0.2%**	**ND**	**0.1**
o-Xylene	1.7352E+007	1.7387E+007	**0.2%**	**ND**	**0.1**

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

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**49.0**	**98.0%**	**39 - 150**
Toluene	**ND**	**50.0**	**50.0**	**100%**	**46 - 148**
Ethylbenzene	**ND**	**50.0**	**49.0**	**98.0%**	**32 - 160**
p,m-Xylene	**ND**	**100**	**92.0**	**92.0%**	**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 44685 - 44694.**

Analyst

Christine M Walters
Review

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CHAIN OF CUSTODY RECORD

3884

Client:	Project Name / Location:
ENVIROTECH	LANDFARM #2 UNIT 5
Client Address:	Sampler Name: J. KIRCHNER
Client Phone No.:	Client No.: N/A ~~03037-0006~~

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Sample Cool	Sample Intact
Cell I-25	3/24/08	11:13	44685	Soil	1-4oz			✓	✓							First Quarter 2008	✓	✓
Cell J-21	3/24/08	11:19	44686					✓	✓							Background samples	✓	✓
Cell L-9	3/24/08	12:23	44687					✓	✓							24"-36" below	✓	✓
Cell P-10	3/24/08	9:43	44688					✓	✓							treatment zone.	✓	✓
Cell P-19	3/24/08		44689					✓	✓								✓	✓
Cell P-31	3/24/08		44690					✓	✓								✓	✓
Cell-Q-36	3/24/08	10:15	44691					✓	✓								✓	✓
Cell R-15	3/24/08	12:07	44692					✓	✓								✓	✓
Cell T-9	3/24/08		44693					✓	✓								✓	✓
Cell W-9	3/24/08		44694					✓	✓								✓	✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Johnny M Kirchner	3/24/08	1600		3/24/08	1600
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell A-14	Date Reported:	03-31-08
Laboratory Number:	44649	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell A-19	Date Reported:	03-31-08
Laboratory Number:	44650	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell C-38	Date Reported:	03-31-08
Laboratory Number:	44651	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell E-15	Date Reported:	03-31-08
Laboratory Number:	44652	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell F-32	Date Reported:	03-31-08
Laboratory Number:	44653	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell H-11	Date Reported:	03-31-08
Laboratory Number:	44654	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell H-18	Date Reported:	03-31-08
Laboratory Number:	44655	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell H-37	Date Reported:	03-31-08
Laboratory Number:	44656	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell J-16	Date Reported:	03-31-08
Laboratory Number:	44657	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Envirotech	Project #:	
Sample ID:	Cell K-34	Date Reported:	03-31-08
Laboratory Number:	44658	Date Sampled:	03-24-08
Chain of Custody No:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Extracted:	03-24-08
Preservative:	Cool	Date Analyzed:	03-26-08
Condition:	Cool & 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.**
First Quarter 2008 Background Sample 24"-36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	03-26-08 QA/QC	Date Reported:	03-31-08
Laboratory Number:	44649	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-26-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9744E+002	9.9784E+002	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0086E+003	1.0090E+003	**0.04%**	**0 - 15%**

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

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**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 44649 - 44658.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell A-14	Date Reported:	03-31-08
Laboratory Number:	44649	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell A-19	Date Reported:	03-31-08
Laboratory Number:	44650	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell C-38	Date Reported:	03-31-08
Laboratory Number:	44651	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell E-15	Date Reported:	03-31-08
Laboratory Number:	44652	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell F-32	Date Reported:	03-31-08
Laboratory Number:	44653	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell H-11	Date Reported:	03-31-08
Laboratory Number:	44654	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell H-18	Date Reported:	03-31-08
Laboratory Number:	44655	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell H-37	Date Reported:	03-31-08
Laboratory Number:	44656	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell J-16	Date Reported:	03-31-08
Laboratory Number:	44657	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Envirotech	Project #:	
Sample ID:	Cell K-34	Date Reported:	03-31-08
Laboratory Number:	44658	Date Sampled:	03-24-08
Chain of Custody:	3883	Date Received:	03-24-08
Sample Matrix:	Soil	Date Analyzed:	03-26-08
Preservative:	Cool	Date Extracted:	03-24-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

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

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

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

Comments: **Landfarm #2 Unit 5.**
First Quarter 2008 Background Samples 24"-36" Below Treatment Zone.

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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:	03-26-BTEX QA/QC	Date Reported:	03-31-08
Laboratory Number:	44649	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-26-08
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	3.7821E+007	3.7897E+007	**0.2%**	**ND**	**0.1**
Toluene	3.2058E+007	3.2123E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	2.4723E+007	2.4772E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	5.0528E+007	5.0629E+007	**0.2%**	**ND**	**0.1**
o-Xylene	2.2970E+007	2.3016E+007	**0.2%**	**ND**	**0.1**

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

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**50.0**	**100%**	**39 - 150**
Toluene	**ND**	**50.0**	**49.0**	**98.0%**	**46 - 148**
Ethylbenzene	**ND**	**50.0**	**50.0**	**100%**	**32 - 160**
p,m-Xylene	**ND**	**100**	**95.0**	**95.0%**	**46 - 148**
o-Xylene	**ND**	**50.0**	**48.0**	**96.0%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

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

Comments: **QA/QC for Samples 44649 - 44658.**

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CHAIN OF CUSTODY RECORD

3883

Client:	Project Name / Location:
ENVIROTECH	LANDFARM #2 UNIT 5
Client Address:	Sampler Name: J. KIRKNER
Client Phone No.:	Client No.: N/A ~~03037-0006~~

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)					Sample Cool	Sample Intact
Cell A-14	3/24/08	1137	44649	Soil	1-4oz			✓	✓							First Quarter Background Samples 2008					✓	✓
Cell A-19		1131	44650					✓	✓							24"-36" below					✓	✓
Cell C-38		1029	44651					✓	✓							treatment zone.					✓	✓
Cell E-15		1143	44652					✓	✓												✓	✓
Cell F-32		1053	44653					✓	✓												✓	✓
Cell H-11		1200	44654					✓	✓												✓	✓
Cell H-18		1151	44655					✓	✓												✓	✓
Cell H-37		1035	44656					✓	✓												✓	✓
Cell J-16		1156	44657					✓	✓												✓	✓
Cell K-34			44658					✓	✓												✓	✓

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Joshua M Kirkner	3/24/08	1600		3/24/08	16:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Item #12A
Background Testing

Chloride

Client:	Envirotech	Project #:	
Sample ID:	47	Date Reported:	07-11-08
Lab ID#:	46299	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**22.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	48	Date Reported:	07-11-08
Lab ID#:	46300	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**23.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	49	Date Reported:	07-11-08
Lab ID#:	46301	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**20.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	50	Date Reported:	07-11-08
Lab ID#:	46302	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**22.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	51	Date Reported:	07-11-08
Lab ID#:	46303	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**18.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	52	Date Reported:	07-11-08
Lab ID#:	46304	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**30.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	53	Date Reported:	07-11-08
Lab ID#:	46305	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**23.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	54	Date Reported:	07-11-08
Lab ID#:	46306	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**38.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	55	Date Reported:	07-11-08
Lab ID#:	46307	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**31.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	56	Date Reported:	07-11-08
Lab ID#:	46308	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4777

Parameter	Concentration (mg/Kg)
Total Chloride	**37.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	57	Date Reported:	07-11-08
Lab ID#:	46309	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
Total Chloride	**29.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	58	Date Reported:	07-11-08
Lab ID#:	46310	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
Total Chloride	**26.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	59	Date Reported:	07-11-08
Lab ID#:	46311	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
Total Chloride	**76.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	60	Date Reported:	07-11-08
Lab ID#:	46312	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
Total Chloride	**85.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	61	Date Reported:	07-11-08
Lab ID#:	46313	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
Total Chloride	**212**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

Analyst

Review

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	64	Date Reported:	07-11-08
Lab ID#:	46314	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
Total Chloride	**26.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Envirotech	Project #:	
Sample ID:	65	Date Reported:	07-11-08
Lab ID#:	46315	Date Sampled:	07-10-08
Sample Matrix:	Soil	Date Received:	07-10-08
Preservative:		Date Analyzed:	07-11-08
Condition:	Intact	Chain of Custody:	4776

Parameter	Concentration (mg/Kg)
Total Chloride	**61.0**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Landfarm #2 Unit 5 Closure Sample.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

4777

Client:	Project Name / Location:
Envirotech, Inc	Landfarm 2 Unit 5
Client Address:	Sampler Name: John M. Althoff
Client Phone No.:	Client No.:

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	Chlorides				Sample Cool	Sample Intact
47	7/10	12:09	46299	Soil	1qt bag												✓				N	✓
48	7/10	11:57	46300	Soil	1qt bag												✓				N	✓
49	7/10	11:45	46301	Soil	1qt bag												✓				N	✓
50	7/10	11:35	46302	Soil	1qt bag												✓				N	✓
51	7/10	11:25	46303	Soil	1qt bag												✓				N	✓
52	7/10	11:16	46304	Soil	1qt bag												✓				N	✓
53	7/10	11:08	46305	Soil	1qt bag												✓				N	✓
54	7/10	10:28	46306	Soil	1qt bag												✓				N	✓
55	7/10	10:39	46307	Soil	1qt bag												✓				N	✓
56	7/10	10:44	46308	Soil	1qt bag												✓				N	✓

ANALYSIS / PARAMETERS

Chlorides Samples

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
John M. Althoff	7/10	13:20	Kandall Augustino	7/10/08	1320
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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