AP - 40

STAGE 1 & 2 REPORTS

DATE: 6/2005

3R0401

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SPILL CLEANUP REPORT

AT:

BOB AND BLANCHE NO. 1

FOR:

MS. PATTY DAVIS
RICHARDSON OPERATING
4601 DTC BLVD. SUITE NO. 470
DENVER, COLORADO 80237

CLIENT NO. 98094-006

JUNE 2005

5796 U.S. HIGHWAY 64 • FARMINGTON, NM 87401 • (505) 632-0615

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
3R0401

JUL 26 2005

Oil Conservation Division
Environmental Bureau
Client No. 98094-006

July 5, 2005

Ms. Patty Davis
Richardson Operating
4601 DTC Blvd, Suite No. 470
Denver, Colorado 80237

Phone (303) 830-8000

RE: SPILL CLEANUP AT RICHARDSON OPERATING WELL SITE BOB AND BLANCHE NO. 1 IN KIRTLAND, NEW MEXICO 30-045-24943

Dear Ms. Davis:

Enclosed, please find one (1) original of the report entitled, *Spill Cleanup Report*, for spill cleanup activities completed on June 29, 2005 at the well site Bob and Blanche No. 1, a location on County Road 6100 in Kirtland, San Juan County, New Mexico for Richardson Operating.

Two (2) copies of the report are also included, one (1) to be used at your own discretion, and one (1) to be forwarded to Mr. Denny Foust of the New Mexico Oil Conservation Division.

We appreciate the opportunity to be of service. If you have any questions, or require any additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

David M Young (LHD)

David M. Young
Sr. Environmental Technician
dyoung@envirotech-inc.com

Enclosures: Three (3) Reports

Cc: Client File No. 98094

DMY\Projects\Non-Pst\Richardson\Cover Letter.doc

RICHARDSON OPERATING
SPILL CLEANUP REPORT
BOB AND BLANCHE NO. 1
SAN JUAN COUNTY, NEW MEXICO

TABLE OF CONTENTS

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contracted by Richardson Operating to clean up an oil, sediment, and produced water spill at the Bob and Blanche No. 1 well site. Activities included excavation of contaminated soil, confirmation sampling, backfill, and site restoration. The site is located on County Road 6100, in Kirtland, San Juan County, New Mexico; see ***Figure 1, Vicinity Map.***

ACTIVITIES PERFORMED

Envirotech, Inc. was contacted on Tuesday, June 21, 2005, with a request to respond to a spill at Richardson's Bob and Blanche No. 1 well site that resulted in the release of produced water, sediment, and oil from an above grade tank and a below grade tank at the location. Envirotech Personnel arrived on site in the afternoon of the same day for the initial site assessment. It was observed that, due to an open valve, the below grade tank had filled and overflowed, spilling on to surrounding soil and terminating in an adjacent irrigation ditch approximately 225 linear feet from the source, see ***Figure 2, Site Map.*** Several underground rodent burrows had also been impacted, facilitating the subterranean spread of released liquids.

On June 22, 2005, Envirotech Personnel returned to the site at approximately 7:30 am to begin excavation and confirmation sampling of the spill area. Excavation was performed in part by a backhoe and in part by an excavator, due to the size and extent of the excavation required. A front-end loader was also utilized to manage the contaminated soil staged at the site. Excavated contaminated soil was transported to Envirotech's Landfarm No. 2 Soil Remediation Facility. Clean virgin backfill was delivered to the site from that same facility.

Due to the spill proximity to an agricultural water source, it was determined that a New Mexico Oil Conservation Division standard of 100 ppm for Total Petroleum Hydrocarbons (TPH) would be used for confirmation samples. During the removal of the contaminated soil, field headspace measurements were performed on discrete and composite samples of soil to screen for volatile organics using an Organic Vapor Meter (OVM). After these samples were screened, they were analyzed for Total Petroleum Hydrocarbons (TPH) by USEPA Method 418.1, see ***Appendix A, Laboratory Analysis Documentation.***

Excavation and confirmation sampling began at the spill termination in the irrigation ditch and proceeded to a depth of 12 inches where the hydrocarbon odor was no longer present. One sample (S-1) was collected and analyzed at this depth. S-1 produced a field headspace measurement of 2 ppm (OVM) and then 16 ppm TPH. The small area was then backfilled to allow access to the primary zone of contamination. Excavation then began on the north side of the fence directly north of the below grade tank and proceeded to six (6) feet of depth where groundwater was encountered. The soil/groundwater interface established the maximum practical vertical extent of excavation. Excavation then proceeded in a northern direction to establish the northern and eastern extents of the contamination plume. At approximately 20 X 15 X 6 feet of depth, composite samples (S-2, S-3) were collected of the north and east walls. Analysis of these samples produced results that passed standards at 52 ppm TPH and 60 ppm TPH respectively, see ***Table 1, Results of TPH Analysis.***

Excavation on June 23 and June 24 proceeded in a western direction after the north fence was removed. The western extent of the soil contamination was established and the excavation then proceeded along the northern portion of the ditch to a depth of three (3) feet. Confirmation samples were collected and analyzed (S-4, S-5, S-6, S-7) and all produced results that passed established standards, see ***Table 1, Results of TPH Analysis.*** The excavation at this point was approximately 20 X 80 X 6 feet of depth.

It was observed at this time that amber colored crude oil was present on the surface of the groundwater and further contamination from the black sludge was entering the water from the saturated soil near the below grade tank. A water truck was utilized to remove the standing liquid in the excavation. Absorbent

socks and pads were placed near the tank to contain the contamination. With NMOCD concurrence, the floor and northern wall of the excavation were treated with 100 gallons of a potassium permanganate, urea nitrate, and surfactant solution to aid in passive insitu remediation. This area was then partially backfilled and a temporary berm was created to prevent the backfill from being recontaminated.

On June 27, the separator, below grade tank, and associated piping were removed to facilitate excavation. Excavation then proceeded south and east at a depth of Six (6) feet until OVM screening suggested minimal levels of contamination remaining in the walls of the excavation. Three composite samples (S-8, S-9, S-10) were collected from the west, south, and east walls and analyzed for TPH. These samples passed standards at 76 ppm TPH, 88 ppm TPH, and 60 ppm TPH respectively. Excavation was then concluded.

During June 28 and June 29, the standing liquids in the excavation were again removed and the excavation was treated with 200 gallons of the aforementioned potassium solution. Backfill and grading activities were then performed to restore the site to original conditions, see ***Appendix C, Site Photography.***. All remaining contaminated material was removed from the site.

During the excavation and remediation activities, approximately 1192 cubic yards of contaminated soil and 160 barrels of contaminated groundwater were removed and transported to Envirotech Landfarm No. 2 and 1128 cubic yards of clean virgin backfill were delivered to the site from the same facility, see ***Appendix B, Bills of Lading.***

SOIL IMPACT

Impacted soil was removed from all four walls of the excavation and the ditch until OVM and TPH levels were under 100 ppm. Maximum possible extent of excavation was reached at six (6) feet of depth when groundwater was encountered. This area was treated with a potassium permanganate solution, including both urea nitrate and a surfactant, for passive insitu remediation, and was backfilled with virgin clean fill.

GROUNDWATER IMPACT

Groundwater was encountered during this excavation at six (6) feet of depth. Two separate groundwater samples were collected near the site of excavation and analyzed via USEPA method 8021 for BTEX content. The analysis results show that groundwater has been impacted at the Bob and Blanche No. 1 well site. The reported levels of benzene, p,m-xylene, and o-xylene exceed the New Mexico Environmental Department groundwater quality standards (WQCC Human Health Standards, NMAC 20.6.2.3103 A), ***see Appendix A, Laboratory Analysis Documentation.***

RECOMMENDATIONS

Contaminated soil was excavated to the horizontal extents of the soil contamination zone and the site was restored to match pre-accident grade. Due to the groundwater impact, Envirotech recommends that a site assessment be performed and monitor wells be placed to delineate the horizontal extent of groundwater contamination near the Bob and Blanche No. 1 well site in Kirtland, New Mexico. From this, the scope of remediation and/or monitoring efforts can then be determined.

STATEMENT OF LIMITATIONS

Envirotech has excavated soil impacted by hydrocarbons and produced water at Richardson's Bob and Blanche No. 1 in Kirtland, San Juan County, New Mexico. The work and services provided by Envirotech were in accordance with New Mexico Oil Conservation Division guidelines. All observations and conclusions provided here are based on the information and current site conditions found during this investigation.

The undersigned has conducted this service at the above referenced site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service, if you have any questions or require any additional information, please contact our office at 505-632-0615.

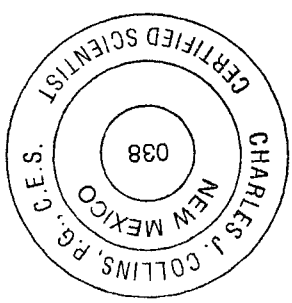
Respectfully Submitted,
ENVIROTECH, INC.

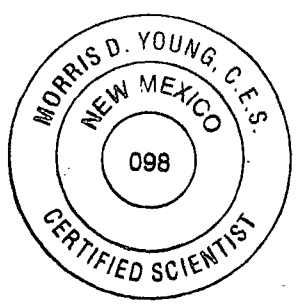
Reviewed by:

David M. Young
Sr. Environmental Technician
dyoung@envirotech-inc.com

C. Jack Collins
Chief Environmental Scientist/Hydrogeologist
NMCES #038
jcollins@envirotech-inc.com

Morris D. Young
President
NMCES #098
myoung@envirotech-inc.com

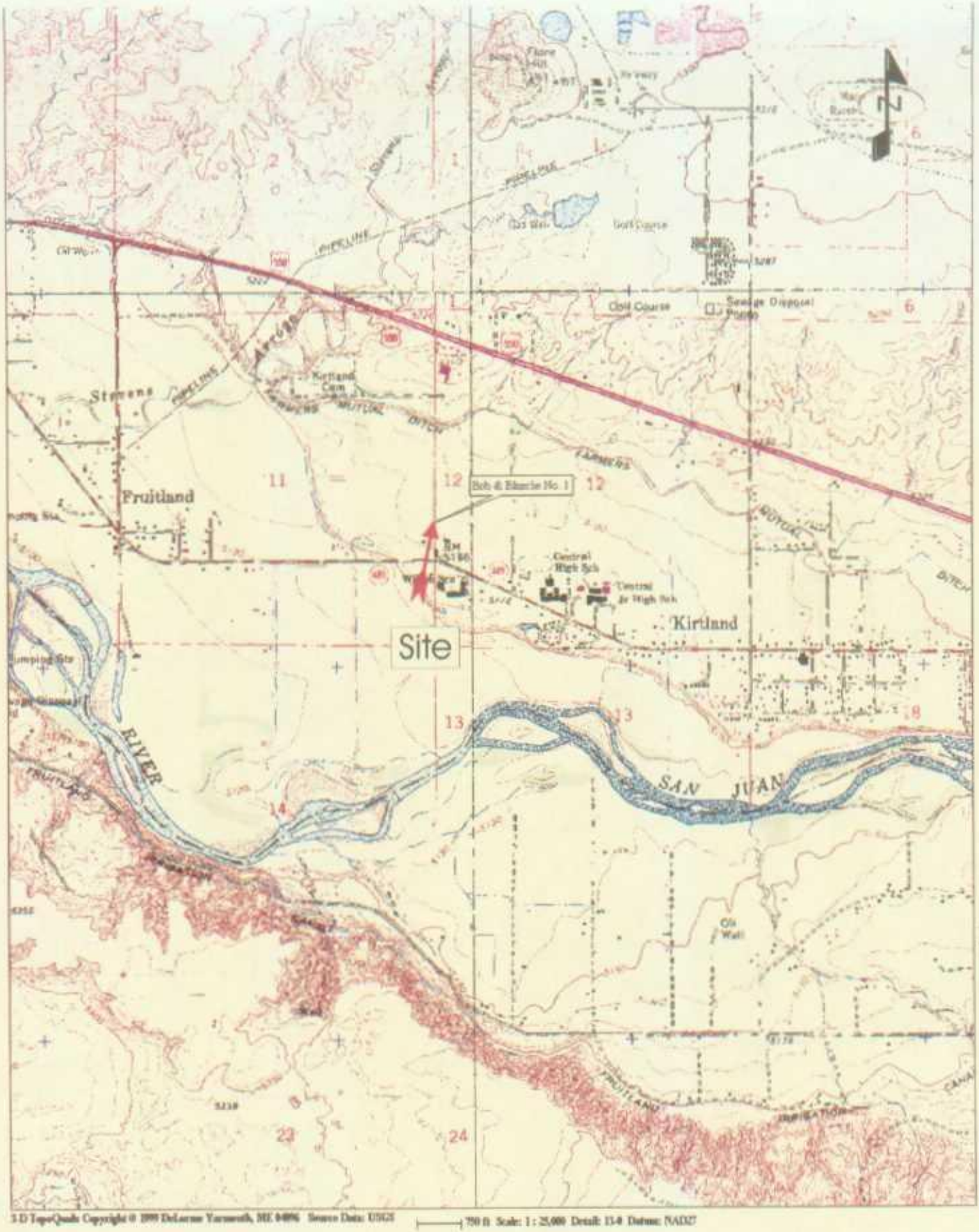




FIGURES:

Figure 1, Vicinity Map

Figure 2, Site Map



750 ft Scale: 1 : 25,000 Detail: 13-0 Datum: NAD27

Bob & Blanche No. 1
Richardson Operating
Kirtland, New Mexico

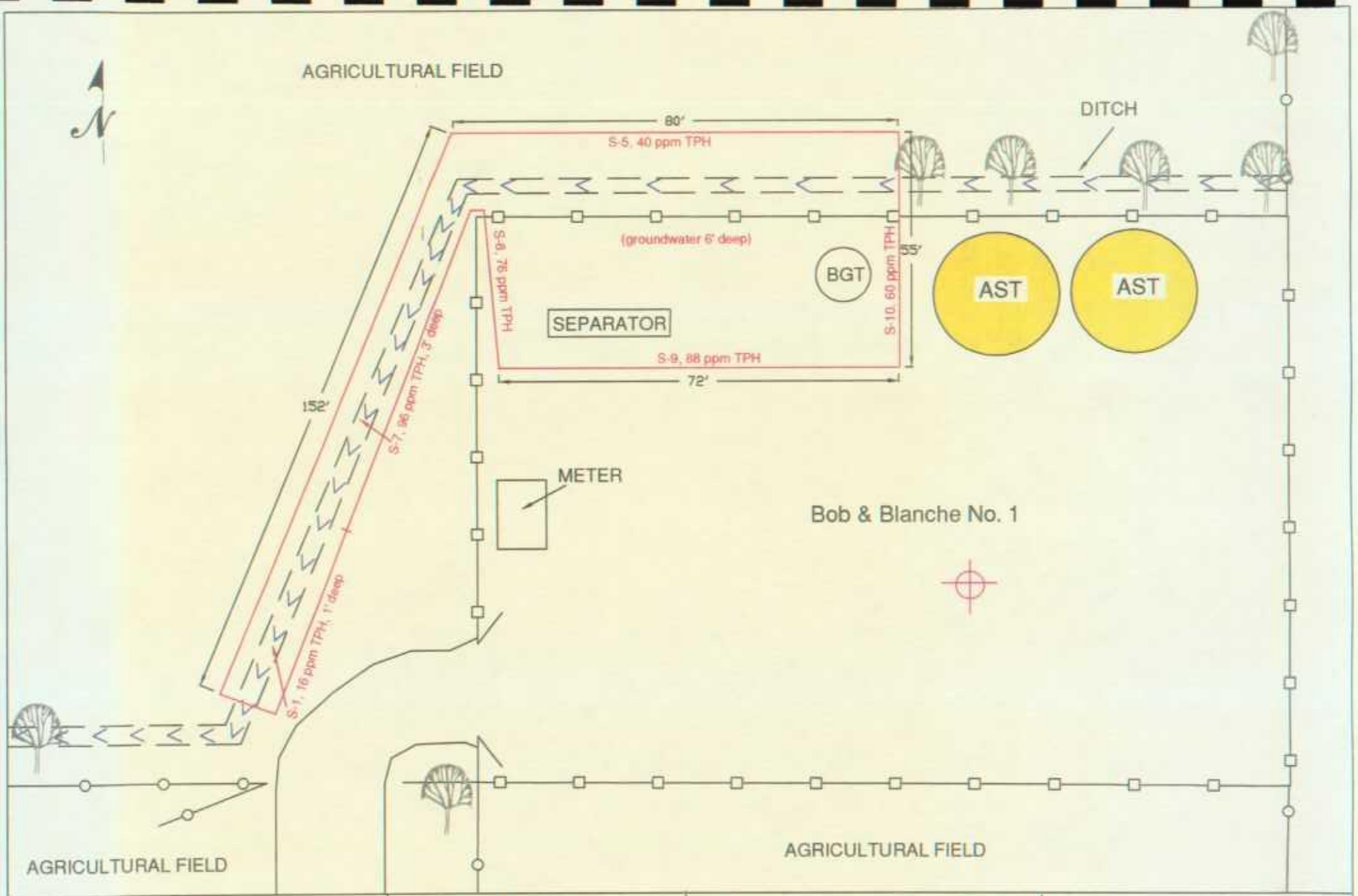
PROJECT No: 98094-006 | Date Drawn: 07/05/05

ENVIROTECH INC.
ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
PHONE (505) 632-0615

Vicinity Map

Figure 1

DRAWN BY: DMY | PROJECT MANAGER: C. Jack Collins



LEGEND

- Excavated Area/ Extent of Spill
- Fence Line
- S-9, 88 TPH — Closure Samples
- Direction of Drainage
- Trees
- Wellhead

Bob & Blanche No. 1
Richardson Operating
Kirtland, New Mexico

REVISIONS
BY ___ DATE ___
BY ___ DATE ___

Project No. 98094-006

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

SITE MAP

DATE 07/06/05 DRAWN DMY
SCALE NTS APPROVED XXX

FIGURE 2

TABLES:

Table 1, Results of TPH Analysis

Table 1
Results of TPH Analysis: USEPA Method 418.1

Sample #	S Date	Description	S Depth	OVM (ppm)	TPH (ppm)
S-1	06/22/05	composite, south ditch, floor and walls	12"	2	16
S-2	06/22/05	composite, north wall, (15' wide)	1'-6'	4	52
S-3	06/22/05	composite, east wall, (20' wide)	1'-6'	4	60
S-4	06/23/05	composite, north wall, (48' wide)	1'-6'	6	76
S-5	06/23/05	composite, north wall, (80' wide)	1'-6'	2	40
S-6	06/23/05	composite, west wall, (20' wide)	1'-6'	6	100
S-7	06/23/05	composite, north ditch, floor and walls	3'	6	96
S-8	06/27/05	composite, west wall, (55' wide)	1'-6'	6	76
S-9	06/27/05	composite, south wall, (72' wide)	1'-6'	6	88
S-10	06/27/05	composite, east wall, (55' wide)	1'-6'	4	60

APPENDIX A:

Laboratory Analysis Documentation

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	1	Date Reported:	7/7/2005
Sample ID:	Comp, South Ditch	Date Sampled:	6/22/2005
Sample Matrix:	Soil	Date Analyzed:	6/22/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	16	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

David Young
Analyst

Review

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	2	Date Reported:	7/7/2005
Sample ID:	Comp, N wall, 15'	Date Sampled:	6/22/2005
Sample Matrix:	Soil	Date Analyzed:	6/22/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	52	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

David Young
Analyst

Review

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	3	Date Reported:	7/7/2005
Sample ID:	Comp, E wall, 20'	Date Sampled:	6/22/2005
Sample Matrix:	Soil	Date Analyzed:	6/22/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	60	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst David Young

Review Jodie Barnett

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 22-Jun-05

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	202
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

David Young
Analyst

7-7-05
Date

Review

7/7/05
Date

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	4	Date Reported:	7/7/2005
Sample ID:	Comp, N wall, 48'	Date Sampled:	6/23/2005
Sample Matrix:	Soil	Date Analyzed:	6/23/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	76	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst David Young

Review Justin Bassett

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	5	Date Reported:	7/7/2005
Sample ID:	Comp, N wall, 80'	Date Sampled:	6/23/2005
Sample Matrix:	Soil	Date Analyzed:	6/23/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	40	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst David Young

Review Jodi Barrett

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	6	Date Reported:	7/7/2005
Sample ID:	Comp, W wall, 20'	Date Sampled:	6/23/2005
Sample Matrix:	Soil	Date Analyzed:	6/23/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	100	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst David Young

Review Justin Barrett

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	7	Date Reported:	7/7/2005
Sample ID:	Comp,North Ditch	Date Sampled:	6/23/2005
Sample Matrix:	Soil	Date Analyzed:	6/23/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	96	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst David Young

Review Justin Barrett

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Cal. Date: 23-Jun-05

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	199
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

David Young
Analyst

7-7-05
Date

Justin Barrett
Review

7/7/05
Date

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	8	Date Reported:	7/7/2005
Sample ID:	Comp, W wall, 55'	Date Sampled:	6/27/2005
Sample Matrix:	Soil	Date Analyzed:	6/27/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	76	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst

Review

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	9	Date Reported:	7/7/2005
Sample ID:	Comp, S wall, 72'	Date Sampled:	6/27/2005
Sample Matrix:	Soil	Date Analyzed:	6/27/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	88	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst

Review

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

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Richardson	Project #:	98094-006
Sample No.:	10	Date Reported:	7/7/2005
Sample ID:	Comp, E wall, 55'	Date Sampled:	6/27/2005
Sample Matrix:	Soil	Date Analyzed:	6/27/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	60	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Bob and Blanche No.1

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst

Review

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ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Cal. Date: 27-Jun-05

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	197
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst: David Young

Date: 7-7-05

Review: Justi Barrett

Date: 7/7/05

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Richardson	Project #:	98094-006
Sample ID:	WS - 1	Date Reported:	06-29-05
Chain of Custody:	14233	Date Sampled:	06-27-05
Laboratory Number:	33506	Date Received:	06-28-05
Sample Matrix:	Water	Date Analyzed:	06-29-05
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	207	1	0.2
Toluene	225	1	0.2
Ethylbenzene	66.9	1	0.2
p,m-Xylene	566	1	0.2
o-Xylene	379	1	0.1
Total BTEX	**1,440**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**99 %**
	1,4-difluorobenzene	**99 %**
	4-bromochlorobenzene	**99 %**

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: **B & B No. 1 (Kirtland).**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Richardson	Project #:	98094-006
Sample ID:	WS - 2	Date Reported:	06-29-05
Chain of Custody:	14233	Date Sampled:	06-27-05
Laboratory Number:	33507	Date Received:	06-28-05
Sample Matrix:	Water	Date Analyzed:	06-29-05
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	145	1	0.2
Toluene	346	1	0.2
Ethylbenzene	33.3	1	0.2
p,m-Xylene	235	1	0.2
o-Xylene	177	1	0.1
Total BTEX	936		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**99 %**
	1,4-difluorobenzene	**99 %**
	4-bromochlorobenzene	**99 %**

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: **B & B No. 1 (Kirtland).**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS
QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	06-29-BTEX QA/QC	Date Reported:	06-29-05
Laboratory Number:	33506	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-29-05
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	2.0178E+007	2.0238E+007	0.30%	ND	0.2
Toluene	5.6370E+007	5.6540E+007	0.30%	ND	0.2
Ethylbenzene	4.3370E+007	4.3501E+007	0.30%	ND	0.2
p,m-Xylene	8.7981E+007	8.8245E+007	0.30%	ND	0.2
o-Xylene	4.4276E+007	4.4409E+007	0.30%	ND	0.1

Duplicate Conc. (ug/L)	Sample	Duplicate	%Diff.	Accept Limit
Benzene	207	206	0.5%	0 - 30%
Toluene	225	224	0.5%	0 - 30%
Ethylbenzene	66.9	66.6	0.4%	0 - 30%
p,m-Xylene	566	563	0.5%	0 - 30%
o-Xylene	379	377	0.5%	0 - 30%

Spike Conc. (ug/L)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Limits
Benzene	207	50.0	256	99.6%	39 - 150
Toluene	225	50.0	274	99.6%	46 - 148
Ethylbenzene	66.9	50.0	116	99.6%	32 - 160
p,m-Xylene	566	100	665	99.8%	46 - 148
o-Xylene	379	50.0	428	99.7%	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 33506 - 33507.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

14235

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Richardson	B+B No. 1 (Kirtland)	

Sampler:	Client No.
DMY	98094-006

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX						Remarks
WS-1	6/27	16:00	33506	W	2	✓						
WS-2	6/27	16:30	33507	W	2	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	6-28	12:05	Mary Bashaw	6/28/05	12:05
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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

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

APPENDIX B:

Bills of Lading

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23180

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-29-05 JOB # 98094-206

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	RICHARDSON #23-BLANCO 1	LANDFARM 2	CONTAMINATED	K31	20			555		Marvin Allen
1	LANDFARM 2	BOB BLANCO 1	CLEAN		20			555		Marvin Allen

ENTERED JUL 1 '05

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MARVIN ALLEN COMPANY ENVIROTECH SIGNATURE Marvin Allen

DATE 6-29-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23126

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-29-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	[illegible] Kirtland	L.F. #2	Cont. Dirt	M-30	18		Envirotech	551		Larry Pool
2	Kirtland	L.F. #2	Cont. Dirt	M-30	18		Envirotech	551		Larry Pool
					36					
3	L.F. #2	Kirtland	Back Fill		18		Envirotech	551		Larry Pool
4	L.F. #2	Kirtland	Back Fill		18		Envirotech	551		Larry Pool
					36					
									5722	
							ENTERED JUL 1 2005			

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Larry Pool COMPANY Envirotech SIGNATURE Larry Pool

DATE 6-29-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23235

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-29-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	RICHARDSON BOP + BLANCHE #1	LF #2	cont Rec	D-32	20		ENVIROTECH	553	7:00A 11:30	Mike Hoyt
1	LF #2	RICHARDSON	BACKFILL		18		ENVIROTECH	553		Mike Hoyt

ENTERED JUL 0 5 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MIKE HOYT COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 6-29-05

san juan reproduction 578-126

ENVIROTECH INC.

Bill of Lading

MANIFEST # 22619

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-29-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Env. Pool	Richardson Op Spill	fill		20		ETEC	558		
2	Richardson	Env. Lf-2	Cuttings	231	20		ETEC	558		

ENTERED

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Joel Winterton COMPANY ETEC SIGNATURE

DATE 6-29-05

ENVIROTECH INC.

Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MANIFEST # 2357

DATE June 29, 05 JOB # 98094-004

COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
Burlington Resources	Kirtland Richardson Oil	Clean soil		18		Envirotech	549	9:00A	Jamie M Carlisle
Burlington Resources Federal #1	Envirotech landfarm	contaminated soil	D-31	18		Envirotech	549	11:00A	Jamie M Carlisle
				36					

ENTERED

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jamie M. Carlisle COMPANY Envirotech SIGNATURE Jamie M Carlisle

DATE June 29, 2005

ENVIROTECH INC.

Bill of Lading

MANIFEST # 33154

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-29-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	Compressor Station #1	LF 2	Cont Soil	0-30	20		Joe Luis trk	69	10:00	[signature]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jason Snider COMPANY Envirotech SIGNATURE [signature]

DATE 6-29-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23251

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-28-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	BGT #1	LF2	cont. Soil	N-31	20	-	JOE LUIS	1	11:00	Joe Luis Pantoja
2	BGT #1	LF2	cont. Soil	N-31	20	-	JOE LUIS	1	2:25	Joe Luis Pantoja
3	BGT #1	LF2	cont. Soil	M-31	20	-	Joe Luis	1	4:35	Joe Luis Pantoja

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jeffrey Miles COMPANY Envirotech SIGNATURE Jeffrey Miles

DATE 6-28-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23252

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-28-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	LF	B&B #1	Cleansoil	-	20	-	JOE LUIS	1	11:05	Josi I Pantoja
2	LF	B&B #1	Cleansoil	-	20	-	JOE LUIS	1	2:35	Josi I Pantoja

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jeff Miles COMPANY Enviro tech SIGNATURE Jeffrey Miles

DATE 6-28-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 05234

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-28-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	L.F. #2	RICHARDSON BOOT BLANKET 11	BACKFILL	[illegible]	18		ENVIROTECH	553 519	7:00 A	Mike Hoyt
2	L.F. #2		BACKFILL		18		ENVIROTECH	553 518	3:00 P	Mike Hoyt
					[illegible]				8 HRS	
								574		

ENTERED JUL [illegible]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 6-28-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 04085

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-28-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	R. RICHARDSON BOB BLANCHE #1	L.F. #2	cont Disp	D-32	18		ENVIROTECH	553 518	7:00	Mike Hoyt
		L.F. #2	cont Disp	D-32	18		ENVIROTECH	553 518	3:00	Mike Hoyt
									8 hrs	
								514		

ENTERED JUL 3 0 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 6-28-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 25172

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-28-05 JOB # 98094-0010

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	RICHARDSON BOB & BLANCHE 1	LANDFARM 2	CONTAMINATED	M31	20			549		Marvin Allen
2	RICHARDSON BOB & BLANCHE 1	LANDFARM 2	CONTAMINATED	M31	20			549		Marvin Allen
3	RICHARDSON BOB & BLANCHE 1	LANDFARM 2	CONTAMINATED	M31	20			549		Marvin Allen
					60					
1	LANDFARM 2	BOB BLANCHE 1	CLEAN		20			549		Marvin Allen
2	LANDFARM 2	BOB BLANCHE 1	CLEAN		20			549		Marvin Allen
3	LANDFARM 2	BOB BLANCHE 1	CLEAN		20			549		Marvin Allen
					60					
									5 7/4	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MARVIN ALLEN COMPANY ENVIROTECH SIGNATURE Marvin Allen

DATE 6-28-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 25119

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-28-05 JOB #

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Bloom Central	L.F. #2	Cont Dirt	M-30	18		Envirotech	551		
2	Ex Hand	L.F. #2	Cont Dirt	M-31	18		Envirotech	551		
3	Ex Hand	L.F. #2	Cont Dirt	M-31	18		Envirotech	551		
					54					
1	L.F. #2	Ex Hand	Back Fill		18		Envirotech	551		
2	L.F. #2	Ex Hand	Back Fill		18		Envirotech	551		
3	L.F. #2	Ex Hand	Back Fill		18		Envirotech	551		
					54					

ENTERED IN OCD

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Ricky Flores COMPANY Envirotech SIGNATURE

DATE 6-28-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23038

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-27-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	L FAR	RICHARDSON BOB & BLANKENSHIP	BACKFILL		18		ENVIROTECH	553	8:30	[signature]
2	L FAR	BOB & BLANKENSHIP	BACKFILL		18		ENVIROTECH	553 378	3:00	[signature]
					40					
									6½ HRS	

ENTERED 5704

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MIKE Boyt COMPANY ENVIROTECH SIGNATURE [signature]

DATE 6-27-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23274

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-27-05 JOB # [illegible]

COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
[illegible]	L.F. #2	cond Dirt	D-31	18		ENVIROTECH	553	8:30A	Mike Hoyt
[illegible]	L.F. #2	cond Dirt	J-32	18		ENVIROTECH	553	3:[illegible]P	Mike Hoyt
				[illegible]					
								6½ HRS	
								57 (4)	
								ENTERED	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MIKE Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 6-27-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 22617

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 98094-00 LOAD# 6-27-05

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Env. Yard	Richardson Sp. Spill	fill		18		ETEC	558		
2	Richardson Spill	Env. LF2	cont Dirt	E31	18		ETEC	558		
3	Env. LF	Richardson Spill	fill		18		ETEC	558		
4	Richardson Spill	Env LF2	Cont Dirt	E31	18		ETEC	558		
5	Env. LF	Richardson Spill	fill		18		ETEC	558		
6	Richardson Spill	Env. LF2	Cont Dirt	E31	18		ETEC	558		
			Cont - 54 yds							
			fill - 54 yds							

5214

ENTERED JUL 05 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Neal Winterton COMPANY ETEC SIGNATURE

DATE 6-27-05

San Juan Reproduction 578-126

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23171

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-27-05 JOB # 98094 001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	RICHARDSON BOB - BLANKE 1	LANDFARM 2	CONTAMINATED	K31	20			549		Marvin Allen
2	RICHARDSON BOB - BLANKET	LANDFARM 2	CONTAMINATED	K31	20			549		Marvin Allen
					40					
	LANDFARM 2	BOB BLANKE 1	CLEAN		20			549		Marvin Allen
3	LANDFARM 2	BOB BLANKET	CLEAN		20			549		Marvin Allen
					40					
									5?,4	
								ENTERED JUL 1 5 2005		

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Marvin Allen COMPANY ENVIROTECH SIGNATURE Marvin Allen

DATE 6-27-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23118

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-27-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Kirtland, Richard	L.F. #2	Cont. Dirt	M-31	18		Envirotech	551		Larry Paul
2	Kirtland	L.F. #2	Cont. Dirt	F-33	18		Envirotech	551		Larry Paul
3	Kirtland	L.F. #2	Cont. Dirt	F-33	18		Envirotech	551		Larry Paul
					54					
	L.F. #2	Richard Kirtland	Backfill		18		Envirotech	551		Larry Paul
2	L.F. #2	Kirtland	Backfill		18		Envirotech	551		Larry Paul
3	L.F. #2	Kirtland	Backfill		18		Envirotech	551		Larry Paul
					54					

RECEIVED JUL 05 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Larry Paul COMPANY Envirotech SIGNATURE Larry Paul

DATE 6-27-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 2317

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-25-05 JOB #

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
		Lat 2	Cont Dirt	A-30	18		Envirotech	551		
		Lat 2	Cont Dirt	A-30	18		Envirotech	551		
					36					
		Kirtland	Backfill		18		Envirotech	551		
		Kirtland	Backfill		18		Envirotech	551		
		Kirtland	Backfill		18		Envirotech	551		
					54					
								5714		

ENTERED JUL

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME _____ COMPANY Envirotech SIGNATURE _____

DATE 6-25-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 25177

DATE 6-25-05 JOB # 98094-006

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	BOB - BLANCO 1	LANDFARM 2	CONTAMINATED	K31	20					Marvin Allen
2	BOB - BLANCO 1	LANDFARM 2	CONTAMINATED	K31	20					Marvin Allen
3	BOB - BLANCO 1	LANDFARM 2	CONTAMINATED	K31	20					Marvin Allen
					60					
1	LANDFARM 2	BOB - BLANCO 1	CLEAN		20					Marvin Allen
2	LANDFARM 2	BOB - BLANCO 1	CLEAN		20					Marvin Allen
					40					
									5:11	
									ENTERED NM 6 25 05	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Marvin Allen COMPANY Envirotech SIGNATURE Marvin Allen

DATE 6-25-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 22615

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-25-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Env. Land Farm	Richardson Sp. Spill	fill		18		ETEC	558		
2	Richardson Sp. II	Env LF 2	Contact	?	18		ETEC	558		
3	Env. LF	Richardson spill	fill		18		ETEC	558		
4	Richardson Sp. II	Env. LF 2	Contact	?	18		ETEC	558		
5	Env. LF	Richardson Spill	fill		18		ETEC	558		
			Cont	Fill yards	54 yds					
									5:14	
									ENTERED	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Ted Winterton COMPANY ETEC SIGNATURE

DATE 6-25-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23165

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-25-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	LF1	B&B #1	clean soil	—	20	-	Inland	19	10:15	
2	LF1	B&B #1	clean soil	-	20	-	Inland	10	10:40	
3	LF1	B&B #1	clean soil	-	20	-	Inland	17	12:20	
4	LF1	B&B #1	clean soil	-	20	-	Inland	12	12:45	
5	LF1	B&B #1	clean soil	-	20	-	Inland	10	1:00	
6	LF1	B&B #1	clean soil	-	20	-	Inland	17	2:35	
7	Large yard	B&B #1	clean soil	-	20	-	Inland	12	8:00	
8	Large yard	B&B #1	clean soil	-	20	-	Inland	10	8:00	
9	Large yard	B&B #1	clean soil	-	20	-	Inland	19	8:00	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jeffrey Miles COMPANY Envirotech SIGNATURE

DATE 6-25-05

San Juan Reproduction 576-126

ENVIROTECH INC.

Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MANIFEST # 2316

DATE 6-25-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	BGB #1	LF2	cont. Soil	I-31	20	–	Inland	17	10:00	
2	BGB #1	LF2	cont. Soil	A-30	20	–	Inland	12	10:10	
3	BGB #1	LF2	cont. Soil	A-29	20	–	Inland	10	10:39	
4	BGB #1	LF2	cont. Soil	A-29	20	–	Inland	17	12:16	
5	BGB #1	LF2	cont. Soil	A-28	20	–	Inland	12	12:40	
6	BGB #1	LF2	cont. Soil	K-31	20	–	Inland	10	1255	
7	BGB #1	LF2	cont. Soil	L-31	20	–	Inland	17	2:30	
8	BGB #1	LF2	cont. Soil	K-31	20	–	Inland	12	3:00	
9	BGB #1	LF2	Cont. Soil	L-31	20	–	Inland	10	5:20	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jeffrey Miles COMPANY Envirotech SIGNATURE Jeffrey Miles

DATE 6-25-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23241

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-24-25 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	[illegible]	LF2	cont. soil	I-31	20	-	Inland	17	9:20	TB
	[illegible]	LF2	cont. soil	I-31	20	-	Inland	12	9:15	[illegible]
	[illegible]	LF2	cont. soil	J-31	20	-	Inland	17	11:30	[illegible]
	[illegible]	LF2	cont. soil	K-31	20	-	Inland	12	12:00	[illegible]
	[illegible]	LF2	cont. soil	K-31	20	-	Inland	17	1:45	[illegible]
	[illegible]	LF2	cont. soil	I-31	20	-	Inland	12	1:50	[illegible]
	[illegible]	LF2	cont. soil	J-31	20	-	Inland	12	4:30	[illegible]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME [illegible] COMPANY Envirotech SIGNATURE [illegible]

DATE 6/26/25

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23230

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-24-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
		B&B #1	clean soil	-	20	-	Inland	17	9:00	
		B&B #1	clean soil	-	20	-	Inland	12	9:45	
		B&B #1	clean soil	-	20	-	Inland	17	11:30	
		B&B #1	clean soil	-	20	-	Inland	12	12:00	
		B&B #1	clean soil	-	20	-	Inland	17	1:45	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Michael A. Bartlett COMPANY Envirotech SIGNATURE Michael Bartlett

DATE 6-24-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23116

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-24-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	[illegible] Richard	L F #2	Cont Dirt	J-30	18		Envirotech	551		[signature]
2	[illegible] Richard	L F #2	Cont Dirt	I-30	18		Envirotech	551		[signature]
3	[illegible] Richard	L F #2	Cont Dirt	I-30	18		Envirotech	551		[signature]
4	[illegible] Richard	L F #2	Cont Dirt	M-31	18		Envirotech	551		[signature]
					72					
1	L F #2	Farmland	Backfill		18		Envirotech	551		[signature]
2	L F #2	Farmland	Backfill		18		Envirotech	551		[signature]
3	L F #2	Farmland	Backfill		18		Envirotech	552		[signature]
					54					
									5:23	

ENTERED JUL 0 4 '05

"I hereby certify that the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME [illegible] COMPANY Envirotech SIGNATURE [signature]

DATE 6-24-05

ENVIROTECH INC.

Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MANIFEST # 23176

DATE 6-24-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	[illegible]	LANDFARM 2	CONTAMINATED	K31	20					Marvin Allen
	[illegible]	LANDFARM 2	CONTAMINATED	K31	20					Marvin Allen
					20	✓				
	LANDFARM 2	RICHARDSON BOG & BLANCO 1	CLEAN		20					Marvin Allen
	LANDFARM 2	RICHARDSON BOG & BLANCO 1	CLEAN		20					Marvin Allen
					20	✓				
									5:13	

ENTERED JUL 0 6 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MARVIN ALLEN COMPANY ENVIROTECH SIGNATURE Marvin Allen

DATE 6-24-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23229

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-24-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Richardson Bob + Blanchett	LF #2	cont Drill	J-31	20		Envirotech	553	7:00 AM	Mike Heyt
2	"	L.F #2	cont Drill	K-32	20		Envirotech	553	2:00 PM	Mike Heyt
					40				7 HRS	

RECEIVED JUL 04 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Heyt COMPANY Envirotech SIGNATURE Mike Heyt

DATE 6-24-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23250

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-24-05 JOB # [redacted]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	L.F #2	RICHARDSON BOB + BLANCHE #1	BACKFILL		20		ENVIROTECH	553	7:00 A	Mike Hoyt
2	L.F #2		BACKFILL		20		ENVIROTECH	553	2:00 P	Mike Hoyt
					40				7 HRS	
								573		

ENTERED JUL 1 4 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 6-24-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23226

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-23-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	LF#2	RICHARDSON BOBBY BLANCHE'S	BACKFILL		20		ENVIROTECH	553	7:00 A	Mike Heyt
2	LF#2	"	BACKFILL		20		ENVIROTECH	553		Mike Heyt
3	LF#2	"	BACKFILL		20		ENVIROTECH	553		Mike Heyt
4	LF#2	"	BACKFILL		20		ENVIROTECH	553		Mike Heyt
					80					
									5 PM	

ENTERED JUL [illegible]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Heyt COMPANY ENVIROTECH SIGNATURE Mike Heyt

DATE 6-23-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23227

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-23-05 JOB # [illegible]

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	BOB + BLANCHE #1 RICHARDSON	L.F #2	Cont Dirt	J-31	20		ENVIROTECH	553	7:00 AM	Mike Hoyt
3	BOB + BLANCHE #1	L.F #2	Cont Dirt	J-31	20		ENVIROTECH	553		Mike Hoyt
3	BOB + BLANCHE #1	L.F #2	Cont Dirt	J-31	20		ENVIROTECH	553		Mike Hoyt
					60					
									5:13	
								ENTERED JUL 1 2005		

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 6-23-05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 25163

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6/24/05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Kirtland BJBP#1	BF	mix water contaminated soil		/	80	Inland	16	11:10	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Michael A Beattie COMPANY Envirotech SIGNATURE Michael Beattie

DATE 6/24/05

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23250

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 6-28-05 JOB # 98094-006

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	[illegible]	BF	oil & water	—	—	80	Inland	16	10:50	[signature]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME [illegible] COMPANY Envirotech SIGNATURE [signature]

DATE 6-28-05

APPENDIX C:

Site Photography

RICHARDSON OPERATING
SPILL CLEANUP REPORT
BOB AND BLANCHE NO. 1

Photo 1: Spill, North Side of Fence, View from East

Photo 2: Spill, North Side of Fence, View from West

Photo 3: Spill Mobilization along Irrigation Ditch

Photo 4: Spill source Area, Below Grade Tank

Photo 5: Initiating Excavation of Irrigation Ditch

Photo 6: Contamination Impacted Rodent Burrows

Photo 7: Absorbent Devices Placed to Prevent Further Leeching of Contamination into Groundwater

Photo 8: Removing Contaminated Soil on South Side of Excavation

Photo 9: Additional Contamination from a Pipe Leak under the Separator

Photo 10: Completion of Excavation, East Side, View from North

Photo 11: Completion of Excavation, West Side, View from North

Photo 12: Final Treatment with Potassium Permanganate Solution

Photo 13: Restored Grade, View from Southeast

Photo 14: Restored Grade, View from East