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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Enterprise Field Services	Contact: Aaron Dailey
Address 614 Reilly Ave., Farmington, NM 87401	Telephone No. 505-599-2286
Facility Name San Juan 30-6 # 500	Facility Type: Natural gas gathering line

Surface Owner: Private	Mineral Owner Private	API No. 30-039-24907

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	31	30N	7W					Rio Arriba

Latitude 36.7673 **Longitude** 107.6156 (decimal degrees)

NATURE OF RELEASE

Type of Release: Natural Gas Condensate	Volume of Release Unknown Historic Drip Release	Volume Recovered: 40 yards contaminated soil removed
Source of Release: Meter run location	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery Third party assessment results reviewed 3.25.2013 @ 08:00 hours
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom? Aaron Dailey	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD JUN 17 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Enterprise employee found Rockwell valve on the end of the meter tube leaking liquid, possibly oil, onto the ground. Technician found no plug in valve. He then greased the valve and the leak stopped; technician also installed plug in valve. A patch of stained soil, approximately 10 feet square in size, was discovered on the surface of the ground.

Describe Area Affected and Cleanup Action Taken.* Third party environmental contractor was dispatched to the location to perform cleanup. During initial response cleanup, it was discovered that soil was impacted well below the soil surface. The area was delineated and subsequently excavated with heavy equipment to achieve OCD site closure standards. A third party corrective action report is attached to this "final" c-141 report.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION
Printed Name: Matt Marra	Approved by Environmental Specialist: Jonathan D. Kelly
Title: Sr. Director, Environmental	Approval Date: 9/24/2013 Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval: Attached ☐
Date: 6-13-2013 Phone: 713-381-6684	

* Attach Additional Sheets If Necessary

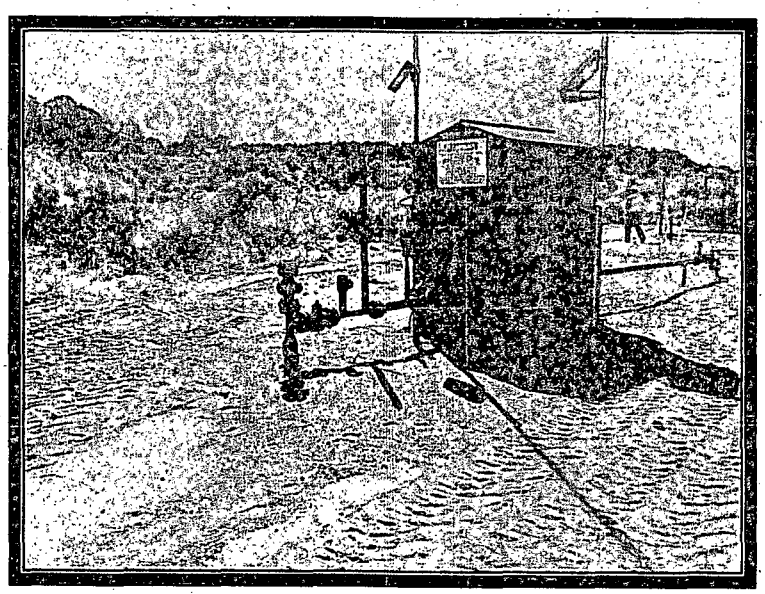
nJK1326732072

envirotech

SPILL CLEANUP REPORT

LOCATED AT:
SAN JUAN 30-6 UNIT #500
SECTION 31, TOWNSHIP 30 N, RANGE 7 W
RIO ARRIBA COUNTY, NEW MEXICO

PREPARED FOR:
ENTERPRISE PRODUCTS
MR. AARON DAILEY
614 REILLY AVE.
FARMINGTON, NEW MEXICO 87401



PROJECT NUMBER 97057-0549
MARCH 2013

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
info@envirotech-inc.com

envirotech

May 2, 2013 Project Number 97057-0549

Mr. Aaron Dailey
Enterprise Products
614 Reilly Ave.
Farmington, New Mexico 87401

Phone: (505) 599-2124
Fax: (505) 427-1719

RE: SPILL CLEANUP REPORT FOR THE SAN JUAN 30-6 UNIT #500 WELL SITE, RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Dailey:

Enclosed please find the *Spill Cleanup Report* detailing spill cleanup activities conducted at the San Juan 30-6 Unit #500 well site located in Section 31, Township 30 North, Range 7 West, Rio Arriba County, New Mexico.

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

Respectfully submitted,
ENVIROTECH, INC.

Felipe Aragon, CES
Senior Environmental-Field Technician
faragon@envirotech-inc.com

Enclosures: *Spill Cleanup Report*

Cc: Client File Number 97057

ENTERPRISE PRODUCTS
SPILL CLEANUP REPORT
SAN JUAN 30-6 UNIT #500
SECTION 31, TOWNSHIP 30 NORTH, RANGE 7 WEST
RIO ARRIBA COUNTY, NEW MEXICO

TABLE OF CONTENTS

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contracted by Enterprise Products to provide spill cleanup activities for a release of crude oil from the meter run located at the San Juan 30-6 Unit #500 well site in Rio Arriba County, New Mexico; see ***Figure 1, Vicinity Map***. The release occurred on the east side of the meter run and impacted the soil with approximate dimensions of 14 feet by 11.5 feet by 11 feet below ground surface (BGS); see enclosed ***Figure 3, Site Map*** and ***Appendix B, Site Photography***. Activities included spill delineation, excavation, sample collection and analysis, contaminated soil disposal, backfilling, re-contouring, documentation and reporting.

ACTIVITIES PERFORMED

Envirotech, Inc. was contacted with a request to perform spill assessment activities at the above referenced location. There was a release of crude oil from the east end of the meter run at the above referenced well site. Upon Envirotech personnel's arrival on March 15, 2013, a brief site assessment was conducted. Because depth to groundwater was between 50 and 100 feet, nearest surface water between 200 and 1000 feet, and the well site not located within a well head protection area, the regulatory standards for the site were determined to be 100 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

On March 13, 2013, Envirotech personnel arrived at the above referenced location to perform spill cleanup activities. A small area of visually impacted soil, east of the meter run, was excavated with the use of hand tools. After excavating approximately two (2) cubic yards of soil, the soil was observed to still be visually contaminated. The job was then stopped and the client was notified. Envirotech personnel determined that the scope of work had changed and delineation and mechanical excavation activities were recommended. The two (2) cubic yards of contaminated soil were contained in a soil box and transported to Envirotech's NMOCD permitted soil remediation facility, Landfarm 2, near Hilltop, New Mexico; see enclosed ***Appendix C, Bills of Lading***.

On March 15, 2013, Envirotech personnel returned to the location to perform spill delineation activities. Three (3) soil samples were collected from the delineation hole (H1), directly east of the meter run, where crude oil had been released; see enclosed ***Field Notes*** and ***Figure 2, Delineation Map***. One (1) sample was collected from four (4) feet BGS, one (1) sample from eight (8) feet BGS, and one (1) sample from 12 feet BGS. The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). All three (3) samples returned results above the regulatory standards for all constituents analyzed; see enclosed ***Table 1, Summary of Analytical Results*** and ***Appendix A, Analytical Results***. Further delineation of the impacted area was conducted. Two (2) additional samples were collected from four (4) feet BGS. One (1) of the samples was located five (5) feet north of H1, and designated as H3, and one (1) of the samples was located five (5) feet south of

H1, and designated as H2; see enclosed ***Figure 2, Delineation Map*** for sample locations. Both samples were analyzed in the field for organic vapors using a PID. Both samples returned results that were below the regulatory standard for organic vapors; see enclosed ***Table 1, Summary of Analytical Results***. The sample collected from H1 at 12 feet BGS was placed into a four (4)-ounce glass jar, capped head space free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015 and for benzene and total BTEX using USEPA Method 8021. The sample returned results above the regulatory standard for total BTEX and below the regulatory standard for all other constituents analyzed; see enclosed ***Table 1, Summary of Analytical Results*** and ***Appendix A, Analytical Results***. Based on the analysis above, Envirotech, Inc. recommended excavation of the impacted area to the extents of approximately 10 feet by 10 feet by 15 feet BGS and re-sampling for closure.

On April 18, 2013, Envirotech, Inc. returned to the above referenced location to conduct spill cleanup activities. A one-call was made prior to excavation. Enterprise Products representative, Kenny Bingham, was on site to issue a work permit and oversee cleanup activities. The impacted soil on the east side of the meter run was divided into two (2) sections; the west section and the east section. The west section was excavated, by use of a backhoe, to extents of 4.5 feet by 14 feet by 10 feet BGS. The east section was excavated to extents of seven (7) feet by 14 feet by 11 feet BGS; see enclosed ***Site Map***. The contaminated soil was loaded directly into trucks and transported for disposal. Approximately 40 cubic yards of soil contaminated with crude oil were transported by Envirotech to Envirotech's NMOCD permitted soil remediation facility, Landfarm 2, located near Hilltop, New Mexico; see ***Appendix C, Bills of Lading***.

Following excavation activities, confirmation sampling was conducted. Four (4) 5-point composite samples were collected from the excavation area; one (1) from the east bottom at 11 feet BGS, one (1) from the east section walls, one (1) from the west bottom at 10 feet BGS, and one (1) from the west section walls; see enclosed ***Site Map***. All four (4) samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). All four (4) samples returned results below the regulatory standards for all constituents analyzed; see enclosed ***Table 1, Summary of Analytical Results*** and ***Appendix A, Analytical Results***.

Upon completion of excavation activities, the excavation was backfilled with 38 cubic yards of clean soil and re-contoured to its pre-incident conditions; see enclosed ***Appendix B, Site Photography***.

SUMMARY AND CONCLUSIONS

Spill assessment and spill cleanup activities were performed for a release of crude oil from a meter run at the San Juan 30-6 Unit #500 well site, Rio Arriba County, New Mexico. Approximately 40 cubic yards of contaminated soil were transported to Envirotech's NMOCD permitted soil remediation facility, Landfarm 2. The excavation was backfilled and re-contoured

to its pre-incident conditions. Envirotech, Inc. recommends no further action in regards to this incident.

STATEMENT OF LIMITATIONS

Envirotech, Inc. has completed spill assessment and spill cleanup activities for a release of crude oil from a meter run at the San Juan 30-6 Unit #500 well site, Rio Arriba County, New Mexico. The work and services provided by Envirotech, Inc. were in accordance with the New Mexico Oil Conservation Division standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident.

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 additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

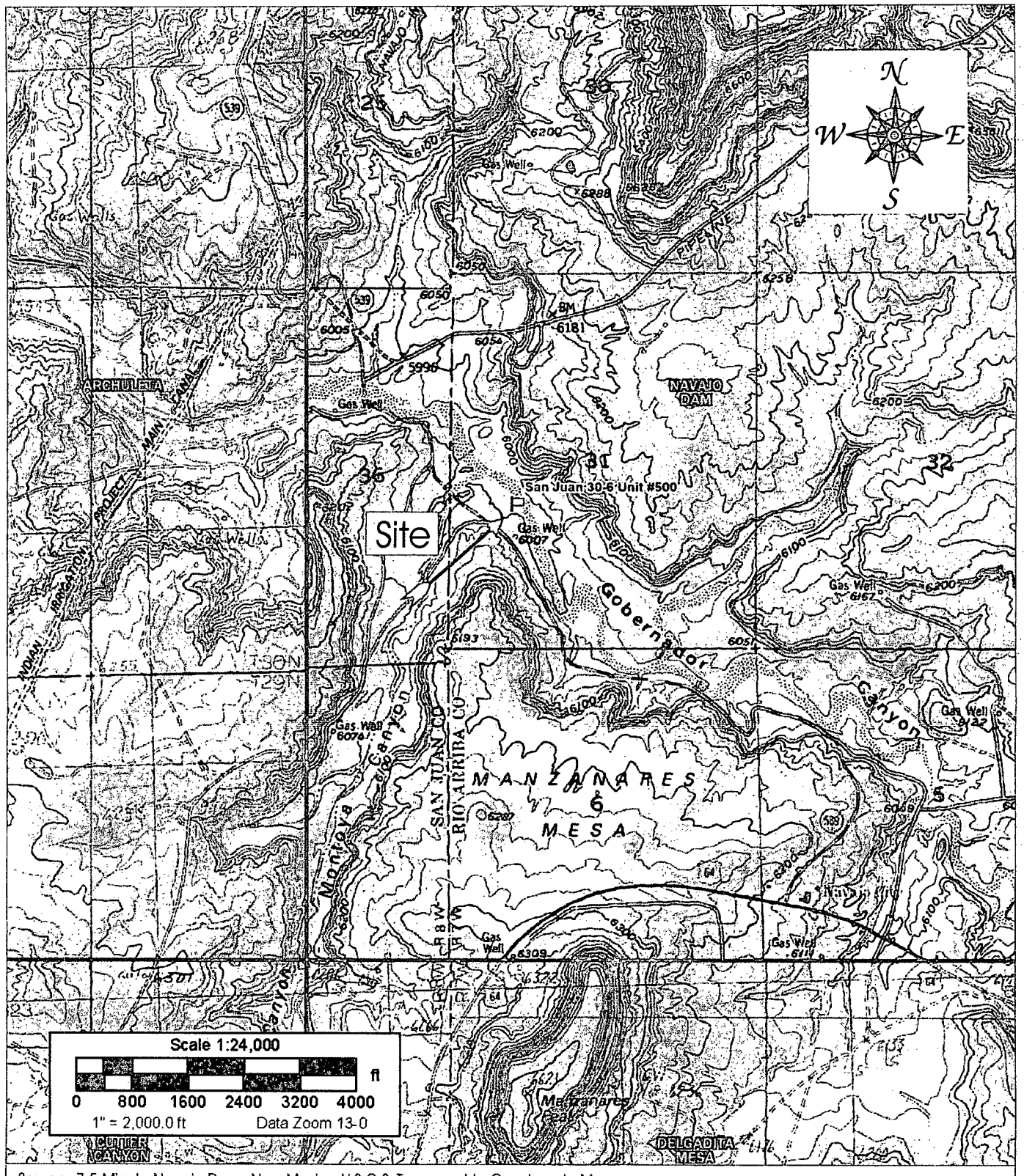
ENVIROTECH, INC.

Felipe Aragon, CES
Senior Environmental Field Technician
faragon@envirotech-inc.com

Reviewed by:

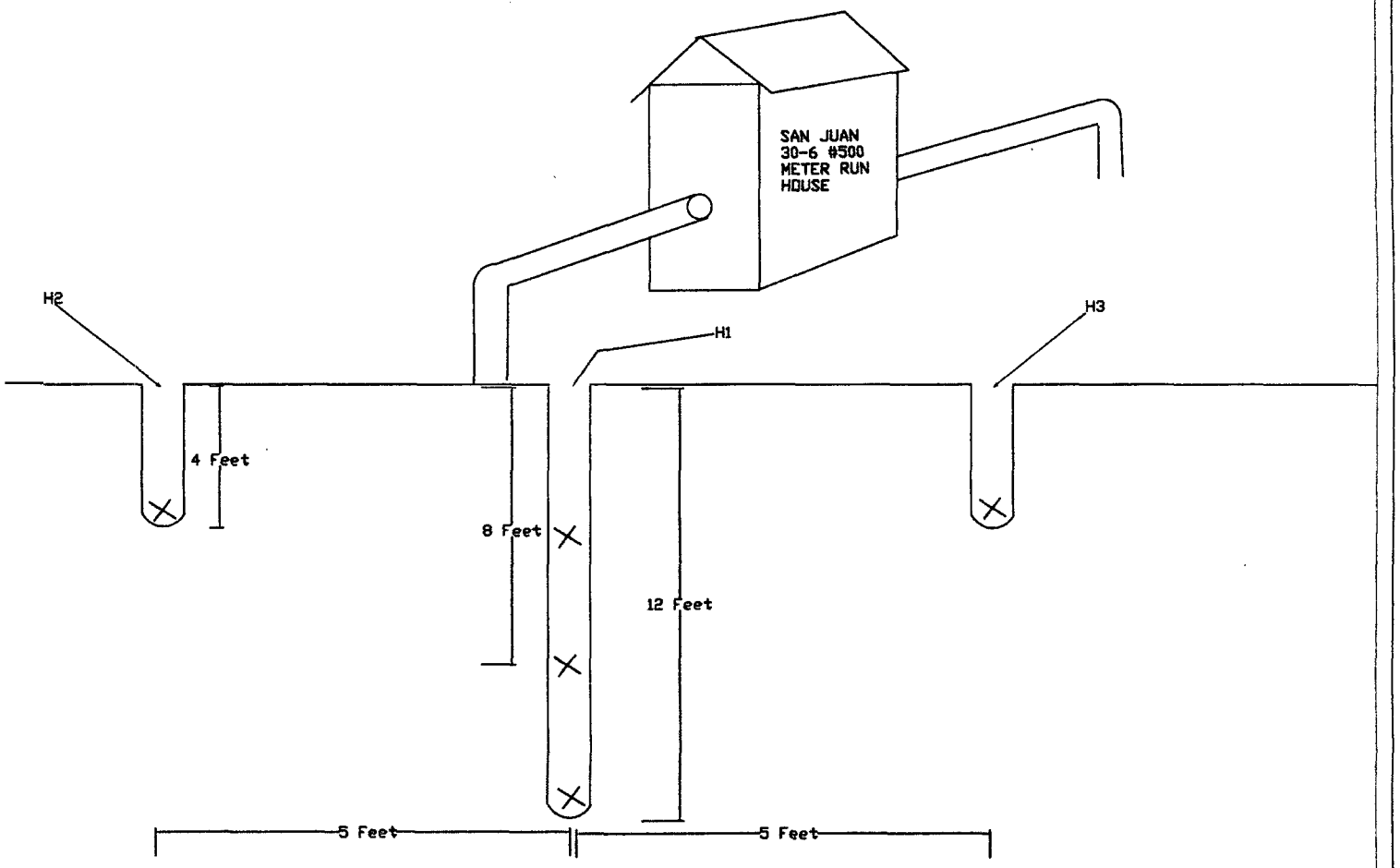
Greg Crabtree, PE
Environmental Manager
gcrabtree@envirotech-inc.com

FIGURES



Source: 7.5 Minute Navajo Dam, New Mexico U.S.G.S. Topographic Quadrangle Map
Scale: 1:24,000 1" = 2000'

Enterprise Products San Juan 30-6 #500 Section 31, Township 30N, Range 7W Rio Arriba County, New Mexico	envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS	Vicinity Map	
		Figure #1	
PROJECT Number:97057-0549 Date Drawn: 4/24/13	5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	DRAWN BY: Tiffany McIntosh	PROJECT MANAGER: Greg Crabtree



LEGEND

X SAMPLE LOCATIONS

H1
H2 DELINEATION HOLES
H3

DELINEATION MAP
Enterprise Products
San Juan 30-6 #500
SEC 31 TWN 30N RNG 7W
RIO ARIBBA COUNTY, NEW MEXICO

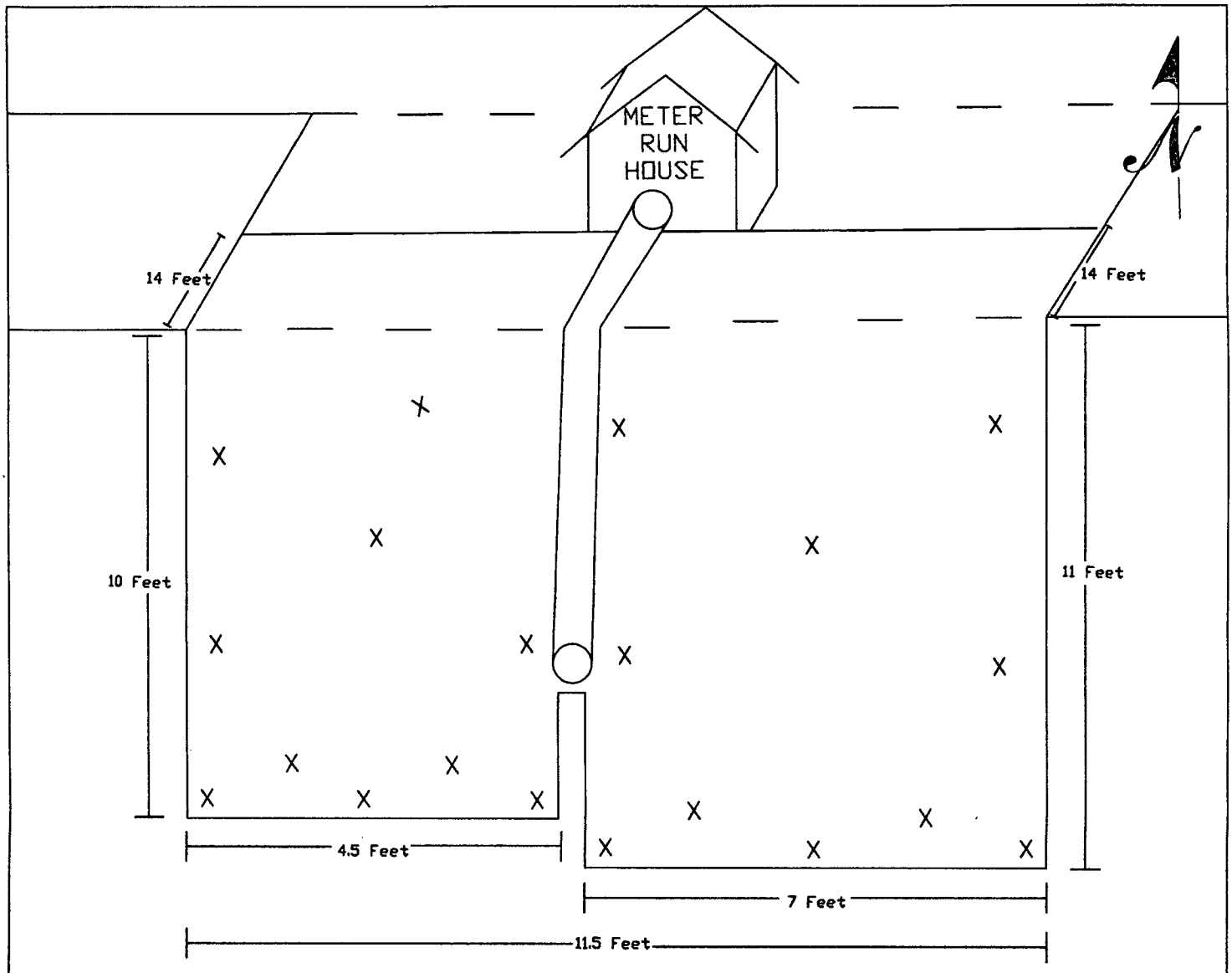
SCALE: NTS	FIGURE NO. 2	REV
PROJECT NO97057-0549		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	FRA	3-22-13	BASE DRWN	FRA

ENVIRONMENTAL SCIENTISTS & ENGINEERS
ENVIROTECH
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87410 505-632-0615



LEGEND

X BOTTOM SAMPLE LOCATIONS

X WALL SAMPLE LOCATIONS

SITE MAP
Enterprise Products
San Juan 30-6 Unit #500
SECTION 31, TWP 30 NORTH, RANGE 7 WEST
RIO ARRIBA COUNTY, NEW MEXICO

SCALE: NTS	FIGURE NO. 3	REV
PROJECT NO97057-0549		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	TLM	4/25/13	BASE DRWN	TLM	4/25/13

envirotech

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

TABLES

Table 1, Summary of Analytical Results
Enterprise Products
San Juan 30-6 #500
Spill Cleanup Report
Rio Arriba County, New Mexico
Project Number 97057-0549
March 2013

Sample Description	Sample Number	Date	TPH 418.1 (ppm)	TPH USEPA Method 8015 (ppm)	Benzene USEPA Method 8021 (ppm)	BTEX USEPA Method 8021 (ppm)	OVM (ppm)
NMOCD Standards	NA	NA	100	100	10	50	100
H1 - 4 ft. BGS	1	3/15/2013	**8560**	NS	NS	NS	**539.0**
H1 - 8 ft. BGS	2	3/15/2013	**512**	NS	NS	NS	**197.0**
H1 - 12 ft. BGS	3	3/15/2013	**1830**	53.9	0.317	**86.4**	**440.0**
H2 - 4 ft. BGS	4	3/15/2013	NS	NS	NS	NS	22.5
H3 - 4 ft. BGS	5	3/15/2013	NS	NS	NS	NS	23.7
East Bottom @ 11 Feet BGS	1	4/18/2013	48	NS	NS	NS	5.8
East Section Walls	2	4/18/2013	44	NS	NS	NS	3.7
West Bottom @ 10 Feet BGS	3	4/18/2013	20	NS	NS	NS	ND
West Section Walls	4	4/18/2013	24	NS	NS	NS	0.5

NS = Not Sampled
ND = Non-Detect at Stated Method's Detection Limit
* Values in **BOLD** above regulatory standards

Green Box = Closure Standards Passed

APPENDIX A

Analytical Results

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0549
Sample No.:	1	Date Reported:	4/24/2013
Sample ID:	H1 - 4 ft. BGS	Date Sampled:	3/15/2013
Sample Matrix:	Soil	Date Analyzed:	3/15/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**8,560**	**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: **San Juan 30-6 #500**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

Tiffany McIntosh
Printed

Review

Toni McKnight, EIT
Printed

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envirotech-inc.com
info@envirotech-inc.com

envirotech

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0549
Sample No.:	2	Date Reported:	4/24/2013
Sample ID:	H1 - 8 ft. BGS	Date Sampled:	3/15/2013
Sample Matrix:	Soil	Date Analyzed:	3/15/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**512**	**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: **San Juan 30-6 #500**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

Tiffany McIntosh
Printed

Review

Toni McKnight, EIT
Printed

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info@envirotech-inc.com

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0549
Sample No.:	3	Date Reported:	4/24/2013
Sample ID:	H1 - 12 ft. BGS	Date Sampled:	3/15/2013
Sample Matrix:	Soil	Date Analyzed:	3/15/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,830**	**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: **San Juan 30-6 #500**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

Tiffany McIntosh
Printed

Review

Toni McKnight, EIT
Printed

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info@envirotech-inc.com

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 15-Mar-13

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	
	500	520
	1000	

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

Tiffany McIntosh
Analyst

4/24/2013
Date

Tiffany McIntosh
Print Name

Toni McKnight
Review

4/24/2013
Date

Toni McKnight, EIT
Print Name

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info@envirotech-inc.com

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0549
Sample No.:	1	Date Reported:	4/24/2013
Sample ID:	East Bottom @ 11 feet BGS	Date Sampled:	4/18/2013
Sample Matrix:	Soil	Date Analyzed:	4/18/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**48**	**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: **San Juan 30-6 #500**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Felipe Aragon
Printed

Review

Toni McKnight, EIT
Printed

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info@envirotech-inc.com

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0549
Sample No.:	2	Date Reported:	4/24/2013
Sample ID:	East Section Walls	Date Sampled:	4/18/2013
Sample Matrix:	Soil	Date Analyzed:	4/18/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**44**	**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: **San Juan 30-6 #500**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Felipe Aragon
Printed

Review

Toni McKnight, EIT
Printed

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envirotech-inc.com
info@envirotech-inc.com

envirotech

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0549
Sample No.:	3	Date Reported:	4/24/2013
Sample ID:	West Bottom @ 10 feet BGS	Date Sampled:	4/18/2013
Sample Matrix:	Soil	Date Analyzed:	4/18/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**20**	**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: **San Juan 30-6 #500**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Felipe Aragon
Printed

Review

Toni McKnight, EIT
Printed

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envirotech-inc.com
info@envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0549
Sample No.:	4	Date Reported:	4/24/2013
Sample ID:	West Section Walls	Date Sampled:	4/18/2013
Sample Matrix:	Soil	Date Analyzed:	4/18/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**24**	**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: **San Juan 30-6 #500**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Felipe Aragon
Printed

Review

Toni McKnight, EIT
Printed

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envirotech-inc.com
info@envirotech-inc.com

envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 18-Apr-13

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	185
	500	
	1000	

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

Analyst

4/24/2013
Date

Felipe Aragon
Print Name

Review

4/24/2013
Date

Toni McKnight, EIT
Print Name

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envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Enterprise Products

Chain Of Custody Number: 15300

Samples Received: 3/15/2013 1:30:00PM

Job Number: 97057-0549

Work Order: P303053

Project Name/Location: San Juan 30-6 #500
Crude Oil Spill Cleanup

Entire Report Reviewed By: _____ Date: 3/19/13

Tim Cain, Laboratory Manager

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Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

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Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H1-12 ft deep	P303053-01A	Soil	03/15/13	03/15/13	Glass Jar, 4 oz.

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H1-12 ft deep

P303053-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	**317**	50.0	ug/L	1	1312001	18-Mar-13	18-Mar-13	EPA 8021B	
Toluene	**13900**	50.0	ug/L	1	1312001	18-Mar-13	18-Mar-13	EPA 8021B	
Ethylbenzene	**6220**	50.0	ug/L	1	1312001	18-Mar-13	18-Mar-13	EPA 8021B	
p,m-Xylene	**51900**	50.0	ug/L	1	1312001	18-Mar-13	18-Mar-13	EPA 8021B	
o-Xylene	**14000**	50.0	ug/L	1	1312001	18-Mar-13	18-Mar-13	EPA 8021B	
Total BTEX	**86400**	50.0	ug/L	1	1312001	18-Mar-13	18-Mar-13	EPA 8021B	
Surrogate: Bromochlorobenzene		*92.8 %*	*80-120*		*1312001*	*18-Mar-13*	*18-Mar-13*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.2 %*	*80-120*		*1312001*	*18-Mar-13*	*18-Mar-13*	*EPA 8021B*	
Surrogate: Fluorobenzene		*75.3 %*	*80-120*		*1312001*	*18-Mar-13*	*18-Mar-13*	*EPA 8021B*	*S2*
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	**53.9**	5.0	mg/kg	1	1312002	18-Mar-13	18-Mar-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.0	mg/kg	1	1312002	18-Mar-13	18-Mar-13	EPA 8015D	
GRO and DRO Combined Fractions	**53.9**	5.0	mg/kg	1	1312002	18-Mar-13	18-Mar-13	EPA 8015D	

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Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1312001 - Purge and Trap EPA 5030A										
Blank (1312001-BLK1)				Prepared & Analyzed: 18-Mar-13						
Benzene	ND	50.0	ug/L							
Toluene	ND	50.0	"							
Ethylbenzene	ND	50.0	"							
p,m-Xylene	ND	50.0	"							
o-Xylene	ND	50.0	"							
Total BTEX	ND	50.0	"							
Surrogate: Bromochlorobenzene	*50.6*		"	*50.0*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*48.7*		"	*50.0*		*97.5*	*80-120*			
Surrogate: Fluorobenzene	*50.5*		"	*50.0*		*101*	*80-120*			
Duplicate (1312001-DUP1)	**Source: P303056-01**			Prepared & Analyzed: 18-Mar-13						
Benzene	ND	50.0	ug/L		ND				30	
Toluene	ND	50.0	"		ND				30	
Ethylbenzene	ND	50.0	"		ND				30	
p,m-Xylene	ND	50.0	"		ND				30	
o-Xylene	ND	50.0	"		ND				30	
Surrogate: Bromochlorobenzene	*51.2*		"	*50.0*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*48.2*		"	*50.0*		*96.5*	*80-120*			
Surrogate: Fluorobenzene	*49.8*		"	*50.0*		*99.6*	*80-120*			
Matrix Spike (1312001-MS1)	**Source: P303056-01**			Prepared & Analyzed: 18-Mar-13						
Benzene	15.8		ug/L	50.0	0.20	31.2	39-150			SP1
Toluene	50.8		"	50.0	0.52	101	46-148			
Ethylbenzene	50.6		"	50.0	0.10	101	32-160			
p,m-Xylene	101		"	100	0.70	100	46-148			
o-Xylene	50.7		"	50.0	0.37	101	46-148			
Surrogate: Bromochlorobenzene	*51.6*		"	*50.0*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*48.6*		"	*50.0*		*97.2*	*80-120*			
Surrogate: Fluorobenzene	*48.6*		"	*50.0*		*97.2*	*80-120*			

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1312002 - GRO/DRO Extraction EPA 3550C										
Blank (1312002-BLK1)				Prepared & Analyzed: 18-Mar-13						
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg							
Diesel Range Organics (C10-C28)	ND	5.0	"							
GRO and DRO Combined Fractions	ND	5.0	"							
Duplicate (1312002-DUP1)		**Source: P303056-01**		Prepared & Analyzed: 18-Mar-13						
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg		ND				30	
Diesel Range Organics (C10-C28)	ND	5.0	"		ND				30	
Matrix Spike (1312002-MS1)		**Source: P303056-01**		Prepared & Analyzed: 18-Mar-13						
Gasoline Range Organics (C6-C10)	207		mg/L	250	0.5	82.7	75-125			
Diesel Range Organics (C10-C28)	208		"	250	4.6	81.2	75-125			

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Notes and Definitions

SP1	The spike recovery for this QC sample is outside of control limits.
S2	Surrogate recovery was below acceptable limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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CHAIN OF CUSTODY RECORD

15300

Client:	Project Name / Location:	ANALYSIS / PARAMETERS
Enterprise	San Juan 30-6 #500 crude oil spill cleanup	
Email results to: T. McIntosh	Sampler Name: T. McIntosh	
Client Phone No.:	Client No.: 97057-0549	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
					$HgCl_2$	HCl	cool															
H1 - 12ft deep	3/15/13	11:05	P303053-01	1-4oz jar			X	X	X												Y	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Tiffany McIntosh	3/15/13	13:30		3/15/13	13 30
Relinquished by: (Signature)			Received by: (Signature)		
Sample Matrix Soil ☑ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____					

☐ Sample(s) dropped off after hours to secure drop off area.

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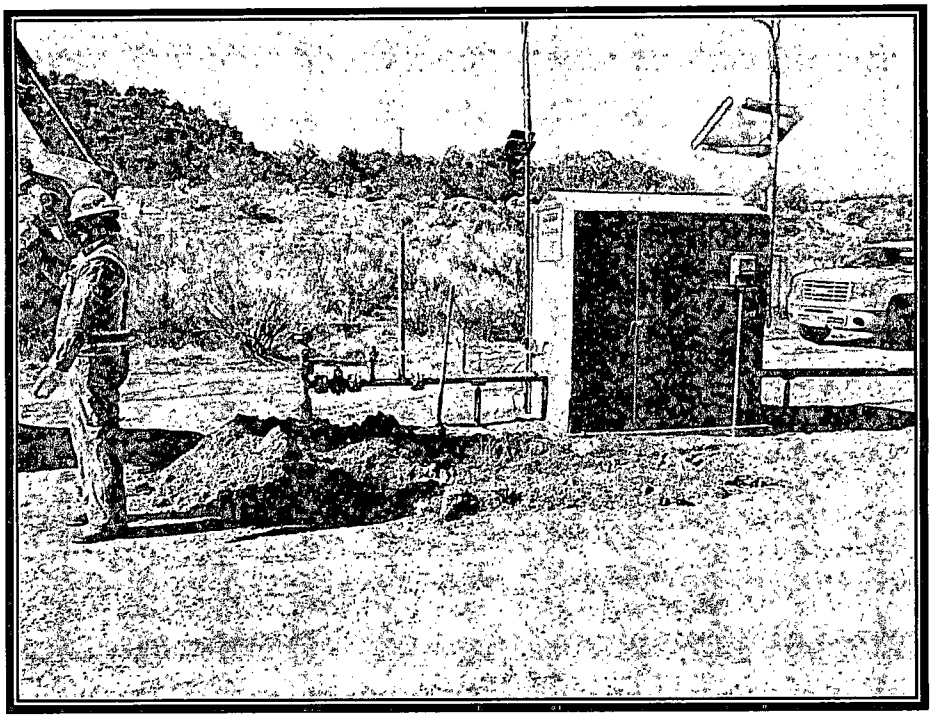
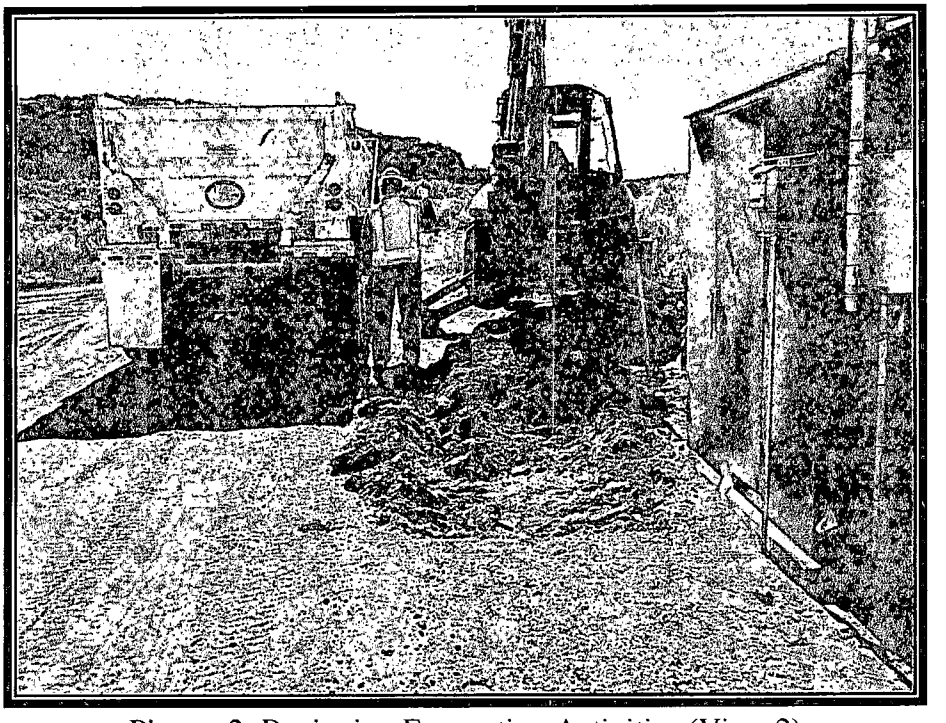
APPENDIX B

Site Photography

SITE PHOTOGRAPHY
SAN JUAN 30-6 UNIT #500
SPILL CLEANUP REPORT
SECTION 31, TOWNSHIP 30 N, RANGE 7 W
PROJECT NUMBER 97057-0549
MARCH 2013



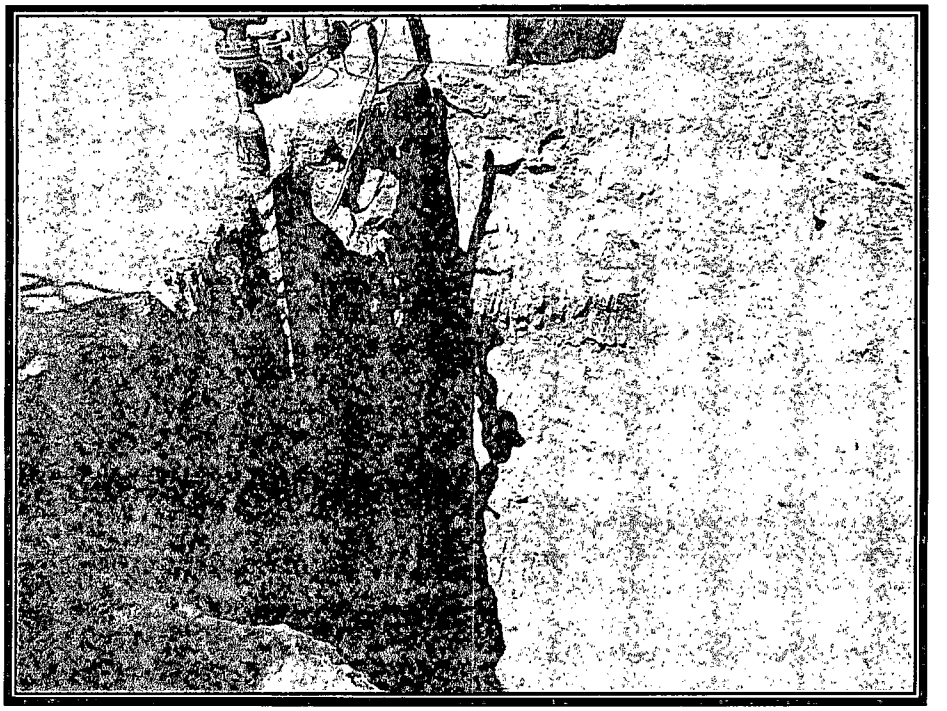
Picture 1: Beginning Excavation Activities (View 1)



Picture 2: Beginning Excavation Activities (View 2)

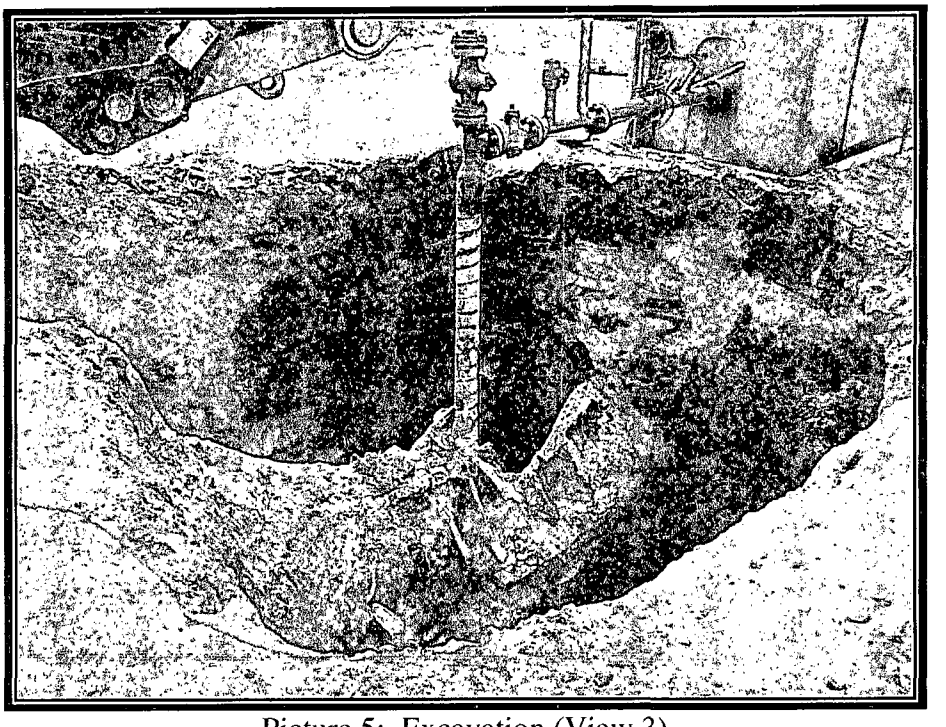
SITE PHOTOGRAPHY
SAN JUAN 30-6 UNIT #500
SPILL CLEANUP REPORT
SECTION 31, TOWNSHIP 30 N, RANGE 7 W
PROJECT NUMBER 97057-0549
MARCH 2013

Picture 3: Excavation (View 1)

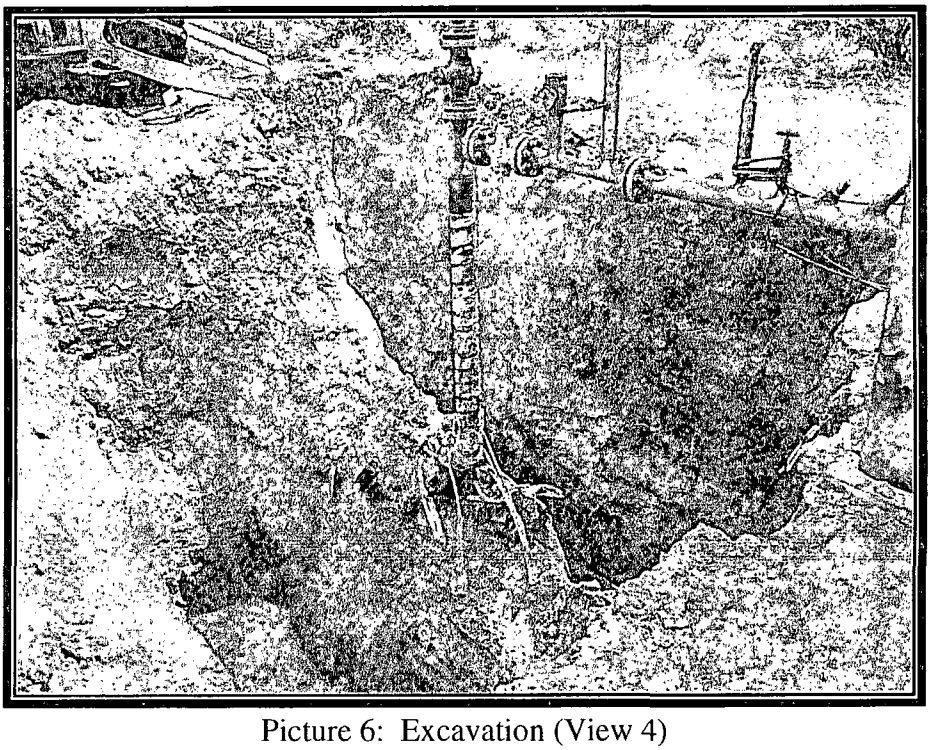


Picture 4: Excavation (View 2)

SITE PHOTOGRAPHY
SAN JUAN 30-6 UNIT #500
SPILL CLEANUP REPORT
SECTION 31, TOWNSHIP 30 N, RANGE 7 W
PROJECT NUMBER 97057-0549
MARCH 2013

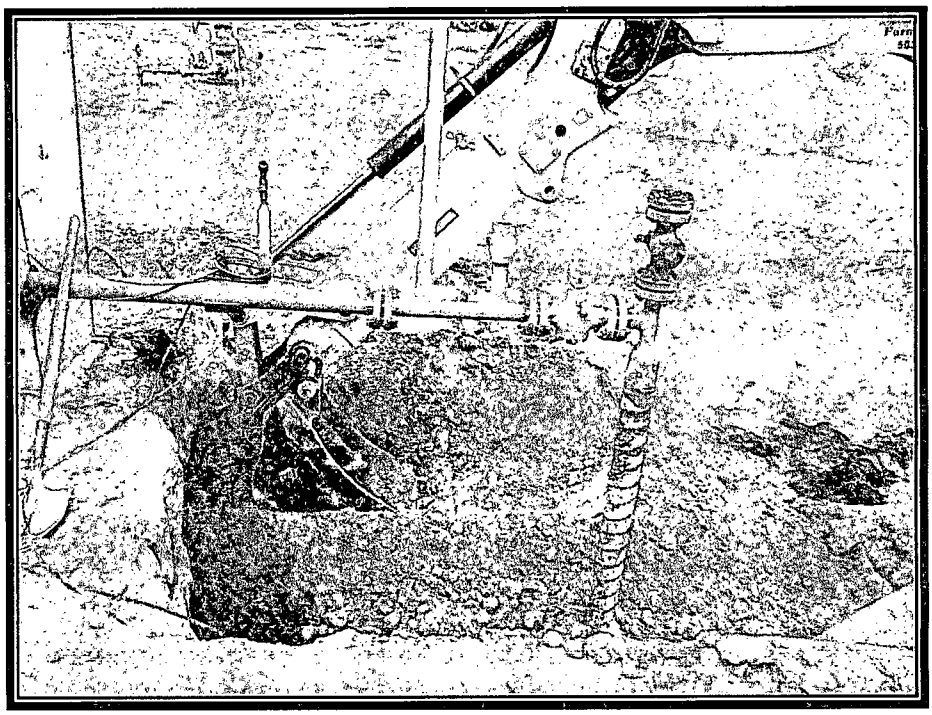


Picture 5: Excavation (View 3)

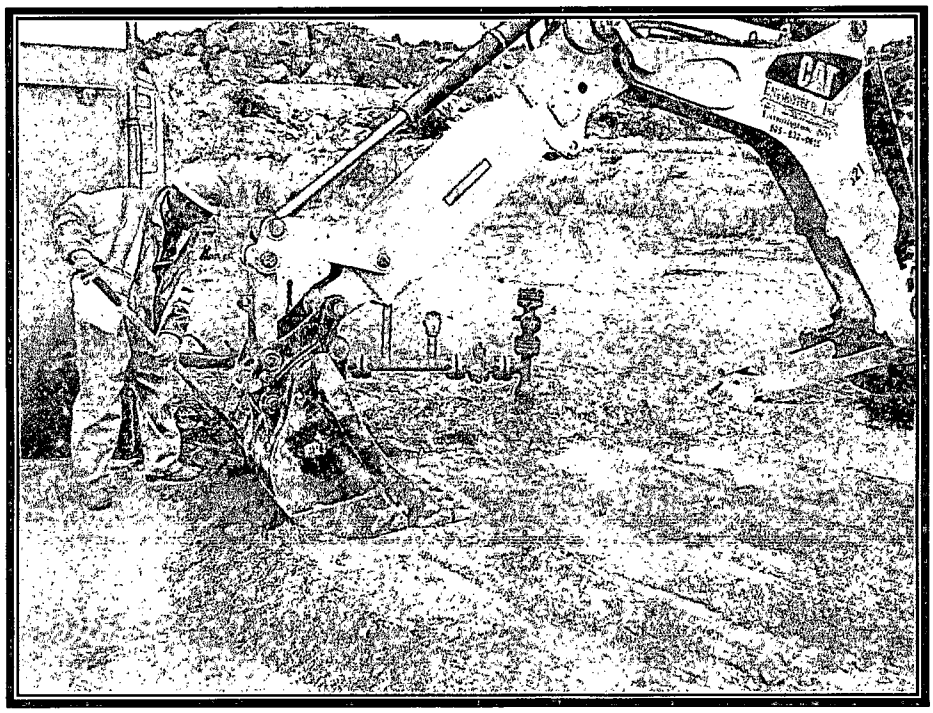


Picture 6: Excavation (View 4)

SITE PHOTOGRAPHY
SAN JUAN 30-6 UNIT #500
SPILL CLEANUP REPORT
SECTION 31, TOWNSHIP 30 N, RANGE 7 W
PROJECT NUMBER 97057-0549
MARCH 2013

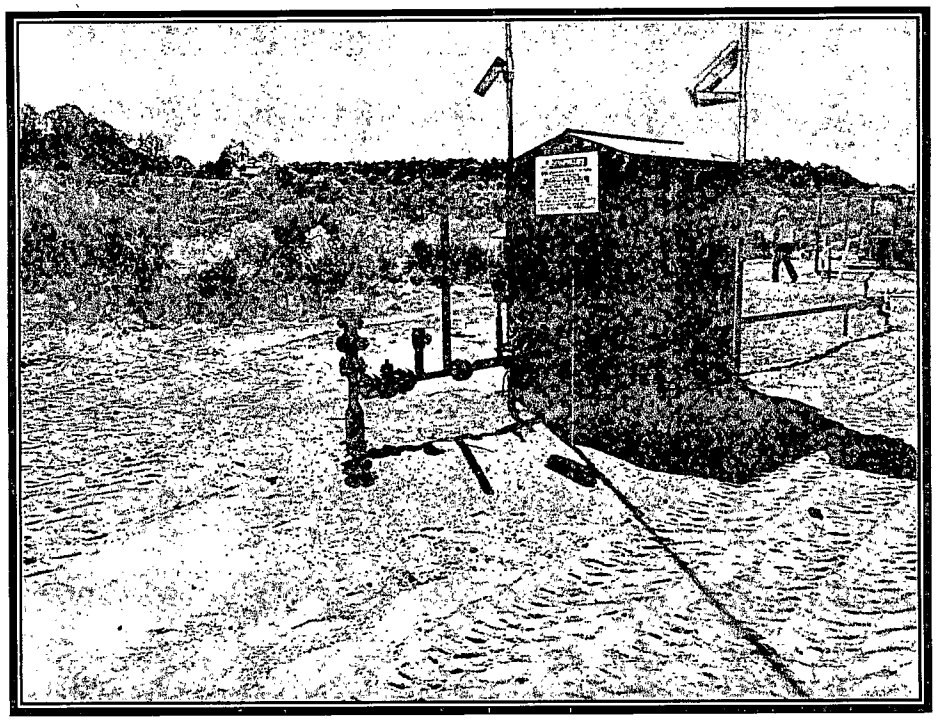


Picture 7: Back-Filling Excavation

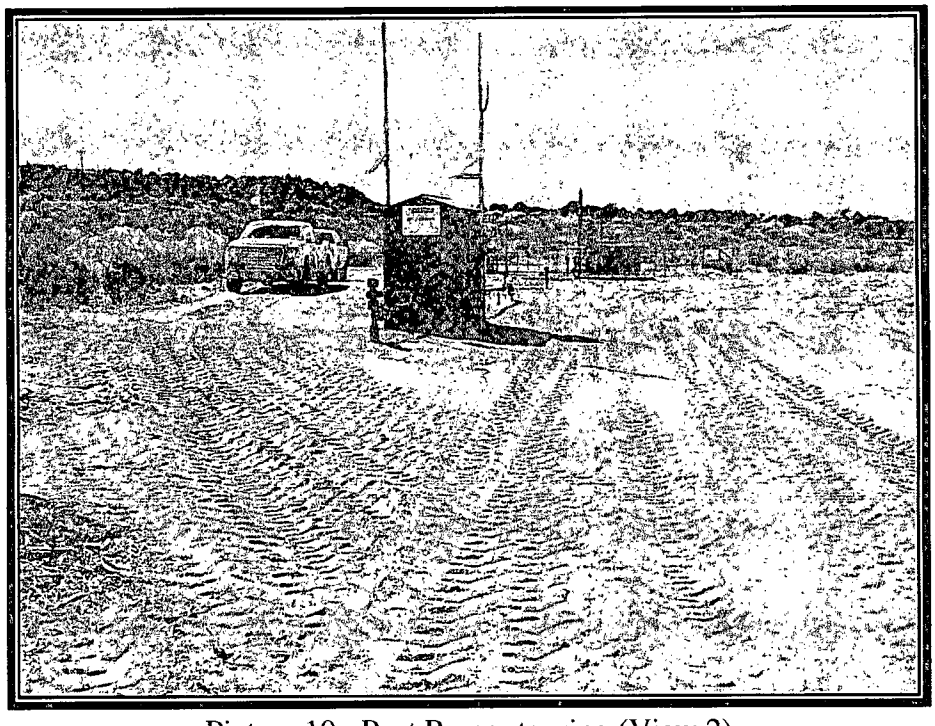


Picture 8: Re-contouring

SITE PHOTOGRAPHY
SAN JUAN 30-6 UNIT #500
SPILL CLEANUP REPORT
SECTION 31, TOWNSHIP 30 N, RANGE 7 W
PROJECT NUMBER 97057-0549
MARCH 2013



Picture 9: Post Re-contouring (View 1)



Picture 10: Post Re-contouring (View 2)

APPENDIX C

Bills of Lading

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Bill of Lading

MANIFEST # 43078

DATE 3-13-13 JOB # 97057-0549

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
1	Enterprise SJ 30-6 #500	LF II	Cont. Soil	U-8	2 / 2	—	Envirotech	947	1137	Don Davis

RESULTS:			LANDFARM EMPLOYEE:	NOTES:
278	CHLORIDE TEST	1	Gary Robinson	
	PAINT FILTER TEST	1	Certification of above receival & placement	

"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."

TRANSPORTER CO Envirotech NAME Don Davis SIGNATURE Don Davis

COMPANY CONTACT Don Kelly PHONE 505-632-0615 DATE 3-13-13

Signatures required prior to distribution of the legal document.

White - Company Records. Yellow - Billing. Pink - Customer

envirotech

Bill of Lading

MANIFEST # 43403

DATE 4-18-13 JOB # 97057-054

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
1	Enterprise SJ 30-6-500	LFII-5	Cont. Soil	M-20	20	—	E-tech	636	1250	Rick Smith
2	" "	" "	" "	M-20	20	—	E-tech	663	15:00	Mike Hyt
					40					
						0				

RESULTS:

246 CHLORIDE TEST ✓

PAINT FILTER TEST ✓

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"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."

TRANSPORTER CO: Envirotech INC NAME Rick Smith SIGNATURE Rick Smith

COMPANY CONTACT Donald O PHONE 505-632-0615 DATE 4-18-13

Signatures required prior to distribution of the legal document.

White - Company Records, Yellow - Billing, Pink - Customer

ENVIROTECH, INC. DAILY BILLING REPORT - TRUCKING

Client Name: Enterprise Job #: 97057-0549 Foreman: JM Day/Date: Thur 14-18-13

Start Mileage: 421462 End Mileage: 421566 104 FINAL DAY OF JOB? YES ☐ NO ☐

Employee Name	Craft Code	Tracking Code	Equip #	Equip. Description	Equip. Units H / D	Per Diem	Brief Description of Job Task Performed (Do Not Duplicate the Tracking Code Description)	Start Time	End Time	Reg. Hrs. Total	HAZ Hrs. Total	GRAND TOTAL	Employee Approval of Hours Worked
Richard Smith	TD	0723	636 523	Truck and dump			pre trip stand by, load	700A	800A	1			
"	"	0733	"	"			haul material	800A	230P	6.5			
"	"	0723	"	"			post trip	230P	300P	.5			
												8hrs	
				H&M									

JOB DESCRIPTION: haul 1 load clean fill dirt to SJ 30-6 #500 location, load contaminated soil, haul 1 load contaminated soil to Envirotech land farm

ENVIROTECH TRUCKING BILL OF LADING HAULING TICKET ATTACHED? _____ YES _____ NO **BILL OF LADING # E 11811**

Client	Load No.	Location Hauled From:	Location Hauled To:	Description of Load/Material	Quantity
Enterprise	1	Envirotech Yd	SJ 30-6 #500 Leak clean-up	clean fill dirt	18 yds
	2	SJ 30-6 #500	Envirotech land farm	contaminated soil	18 yds

APPROVALS: _____ JM _____ _____ PAGE _____ OF _____

JOB FOREMAN SUPERVISOR FINAL APPROVAL

WHITE ntin YELLOW Acc PINK - Client sa roduc 133

ENTERED APR 22 2013

RECEIVED APR 22 2013

ENVIROTECH, INC. DAILY BILLING REPORT - TRUCKING

Client Name: ENTERPRISE Job #: 97057-0549 Foreman: Jimmy Day/Date: 4-18-13

Start Mileage: 359842 End Mileage: 359931 FINAL DAY OF JOB? YES ☐ NO ☐

Employee Name	Craft Code	Tracking Code	Equip #	Equip. Description	Equip. Units H / D	Per Diem	Brief Description of Job Task Performed (Do Not Duplicate the Tracking Code Description)	Start Time	End Time	Reg. Hrs. Total	HAZ Hrs. Total	GRAND TOTAL	Employee Approval of Hours Worked
MIKE HOYT	TD	702	663 532				pre trip #663	7:00A	7:30A	1/2			
	TD	726	663 532				to load TRUCKS #636+658+663	7:30A	8:30A	1			
	TD	733	663 532				trucking	11:00A	12:00	1			
	TD	726	663 532				to unload + load	12:00P	1:30P	1 1/2			
	TD	733	663 532				trucking	1:30P	2:30P	1			
	TD	726	663 532				to unload at E-TECH LANDFARM	2:30P	3:00P	1/2			
	TD	733	663 532				trucking	3:00P	4:00P	1			
	TD	702	663 532				POST TRIP 663	4:00P	4:30P	1/2		7	

JOB DESCRIPTION:

ENVIROTECH TRUCKING BILL OF LADING HAULING TICKET ATTACHED? _____ YES _____ NO

BILL OF LADING # E 11714

Client	Load No.	Location Hauled From:	Location Hauled To:	Description of Load/Material	Quantity
ENTERPRISE	1	E-TECH STOP YARD	SAN JUAN 30-6-500	BACKFILL	20 ~~YDS~~
ENTERPRISE	1	SAN JUAN 30-6-500	E-TECH LANDFARM	Cont Dirt	20 ~~YDS~~

APPROVALS: _____ JOB FOREMAN JM SUPERVISOR _____ FINAL APPROVAL PAGE _____ OF _____

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